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Ms Toni Hood

Quality Control Specialist
Office of Patent Publication
South Tower
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Arlington VA 22202

14th June 2006

Reference the Application of Mitja Hinderks:

Serial No	08 / 477 704
Filed	June 7 1995
Group Art Unit	3747
Examiner	N Kamen
Title	RECIPROCATING ELEMENTS AND ASSOCIATED FLUID FLOWS

Dear Ms Hood:

Enclosed is corrected set of all 47 drawing sheets in the above, last submitted in the amendment under 37 CFR **1.312** filed on 24th April 2006.

The corrections, totaling around ten, are of minor omissions. For example, Fig 37 is in two parts, but the "A" and "B" were previously omitted and are now added; in figure 126 item 3031a was previously not shown but referred to in text; etc. A complete schedule of changes can be provided. No new material was added.

Please make sure that these drawing, dated today and marked at the top "3rd Replacement Sheets" are the ones that are published, instead of the drawings submitted 24th April.

If any additional fees should be due, please debit my patent office deposit account number **501 334**.

Many thanks.

Sincerely,



Mitja Victor Hinderks.

Sole inventor, applicant and power-of-attorney of record.

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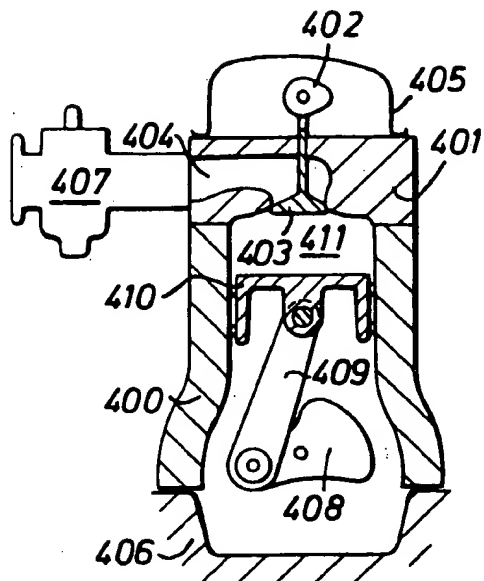


FIG. 1

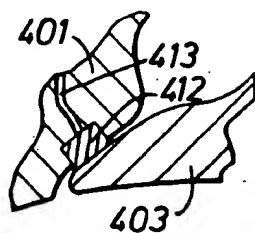


FIG. 2

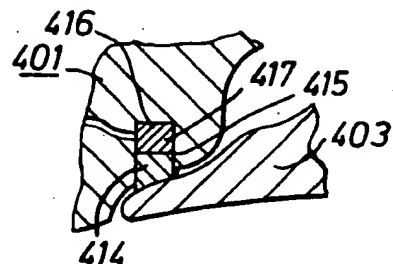


FIG. 3

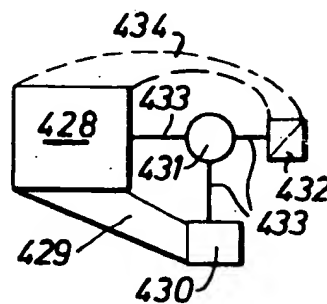


FIG. 5

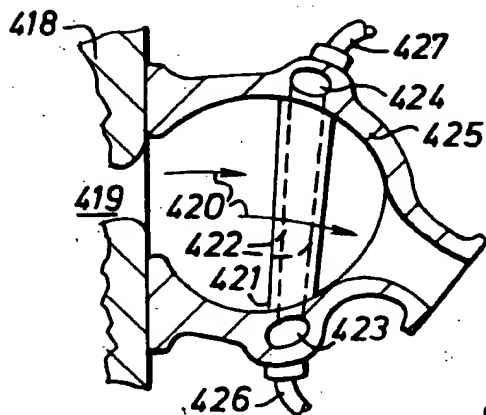


FIG. 4

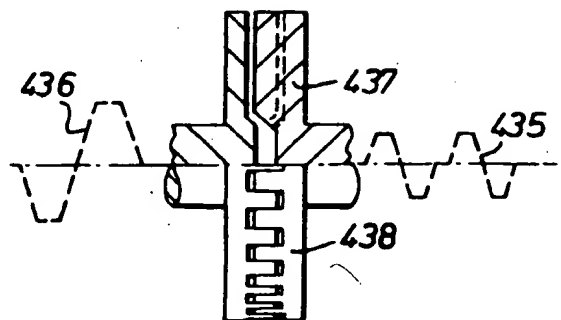


FIG. 6

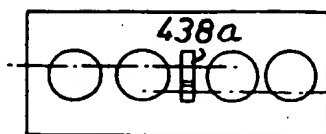


FIG. 7

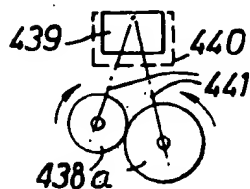


FIG. 8

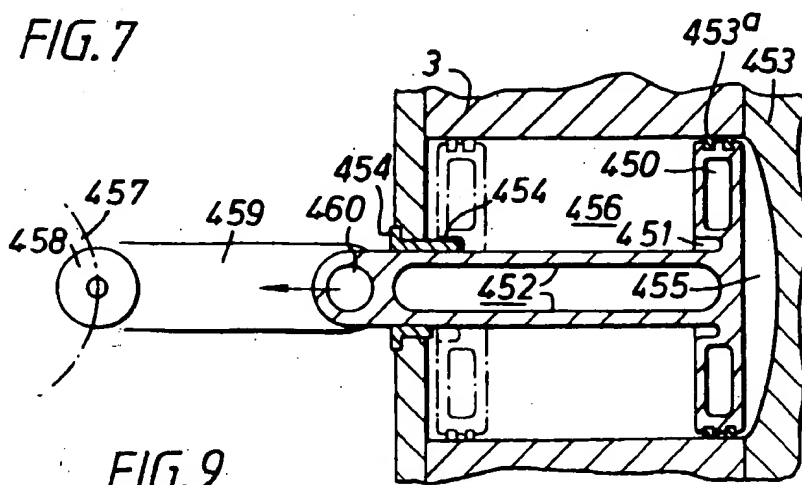


FIG. 9

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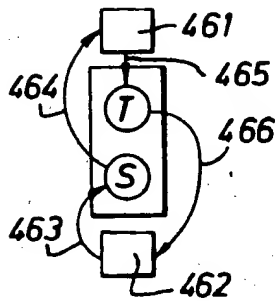


FIG. 10

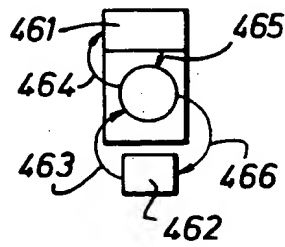


FIG. 11

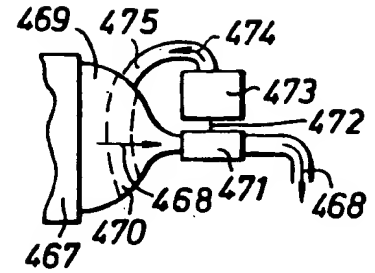


FIG. 12

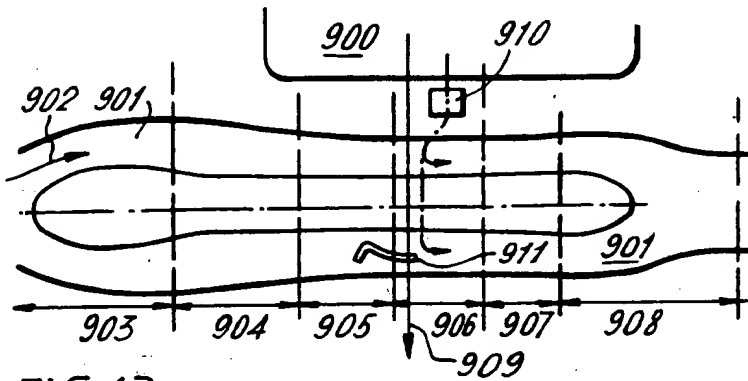


FIG. 13

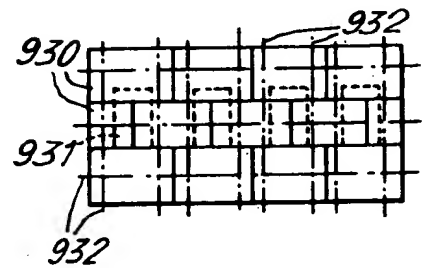


FIG. 14

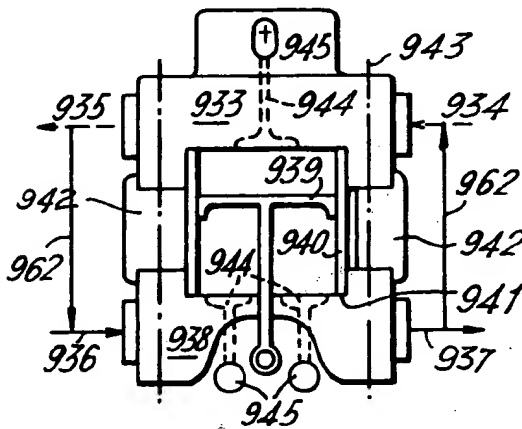


FIG. 15

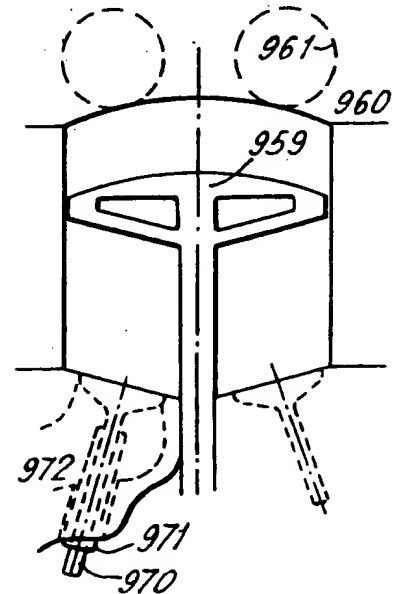


FIG. 17

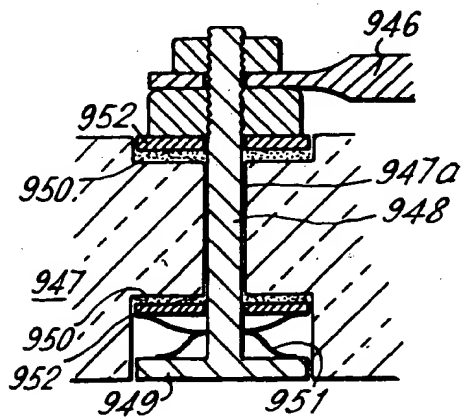


FIG. 16

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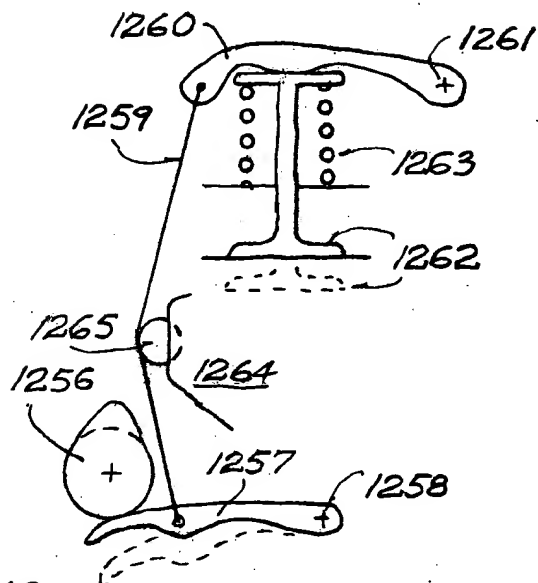


FIG. 18

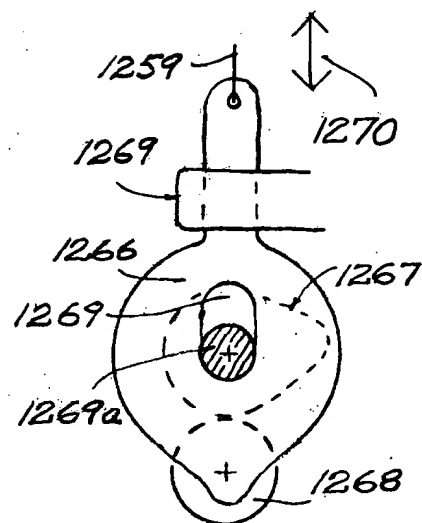


FIG. 19

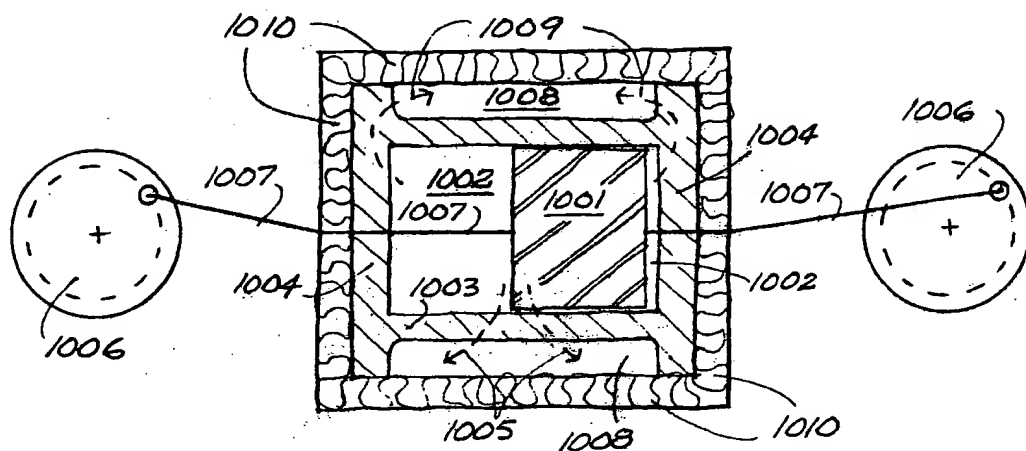


FIG. 20

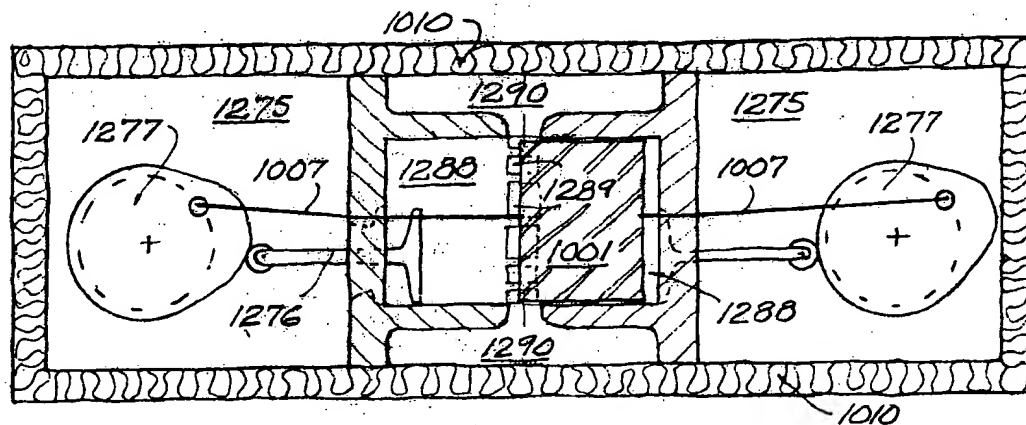


FIG. 21

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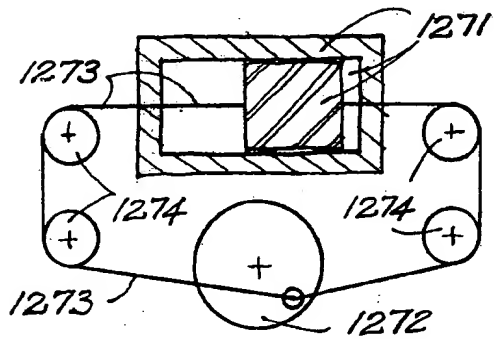


FIG. 22

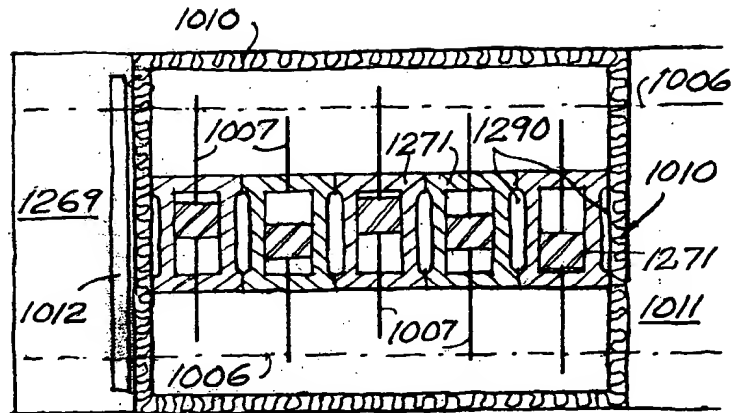


FIG. 23

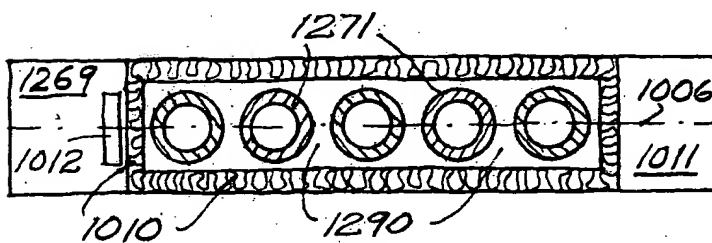


FIG. 24

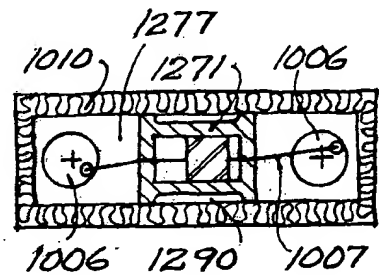


FIG. 25

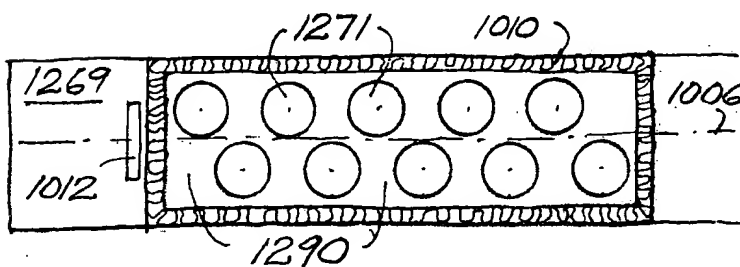


FIG. 26

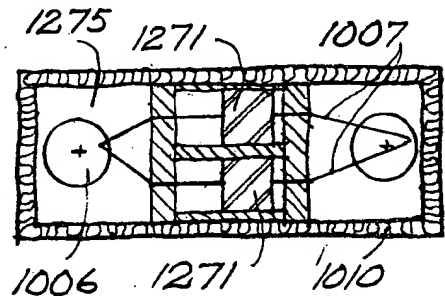


FIG. 27

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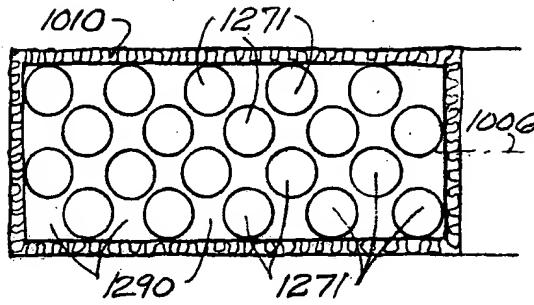


FIG. 28

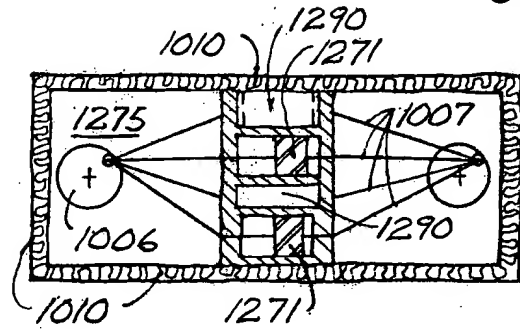


FIG. 29

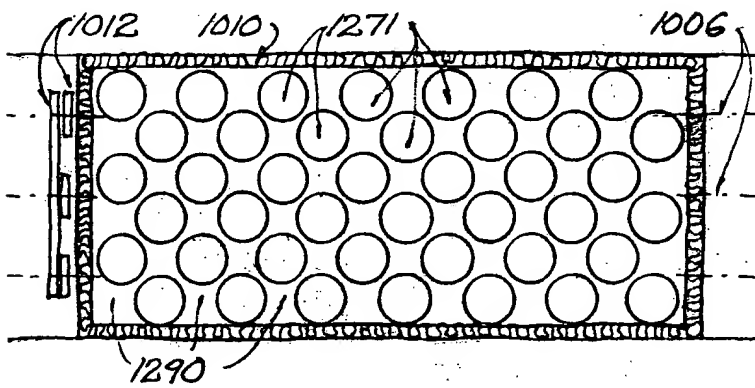


FIG. 30

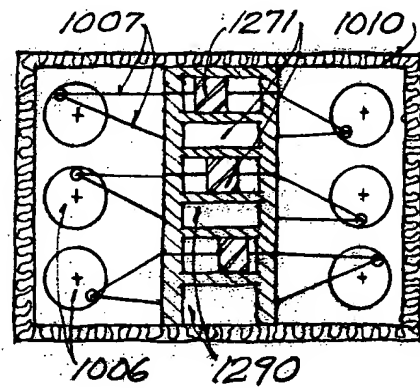


FIG. 31

FIG. 32

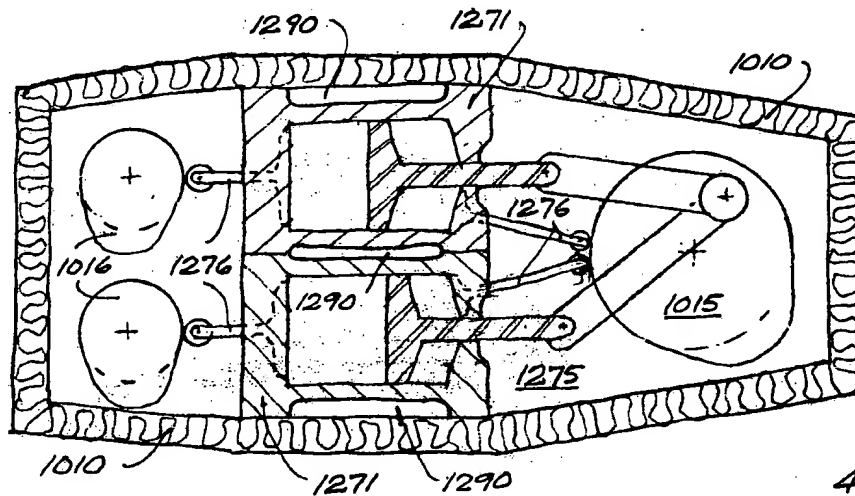


FIG. 33

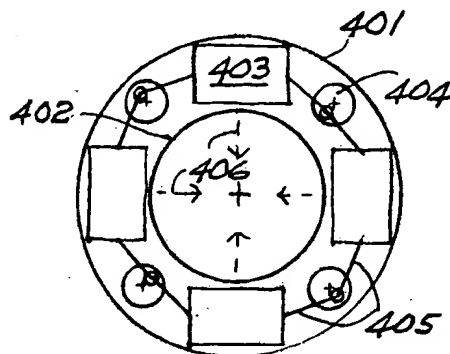
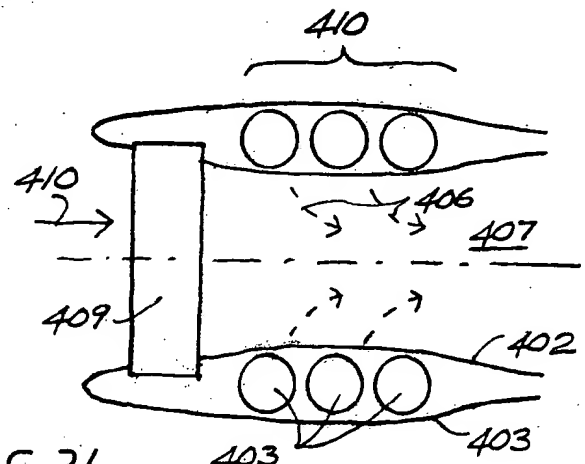
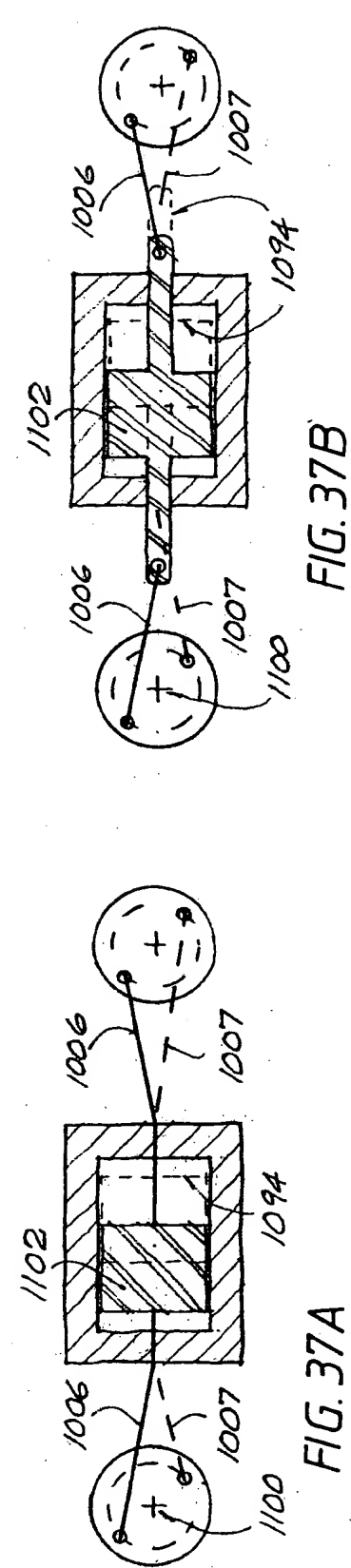
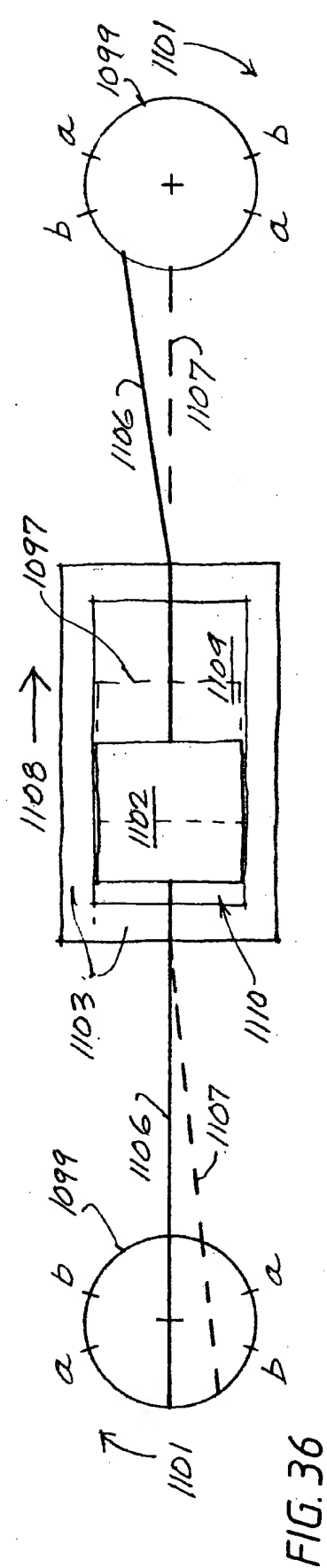
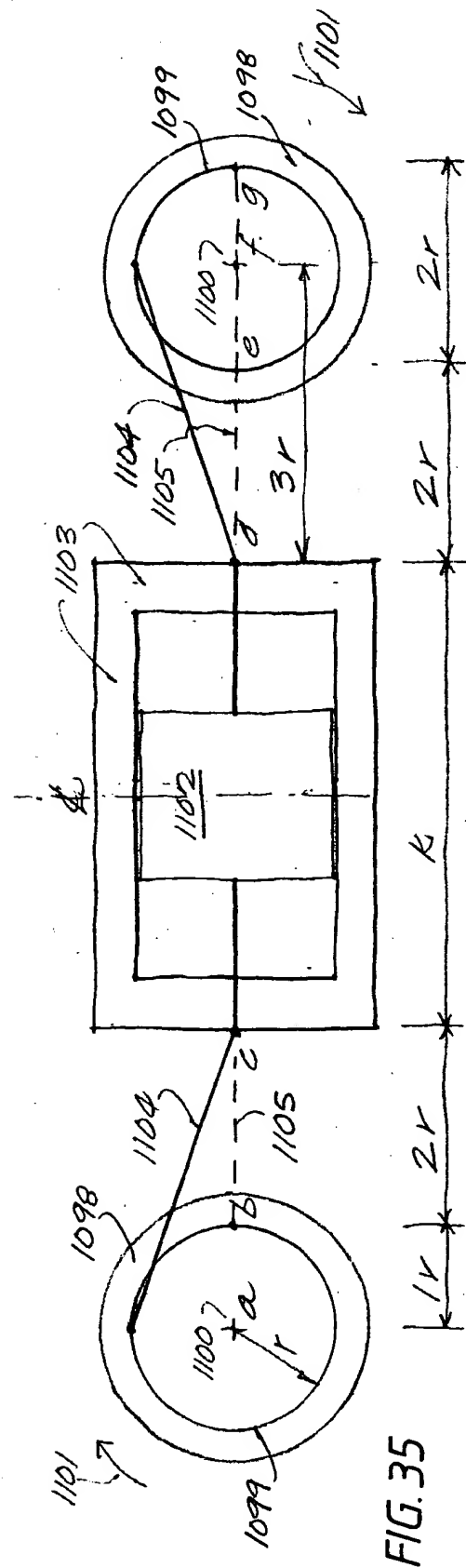


FIG. 34



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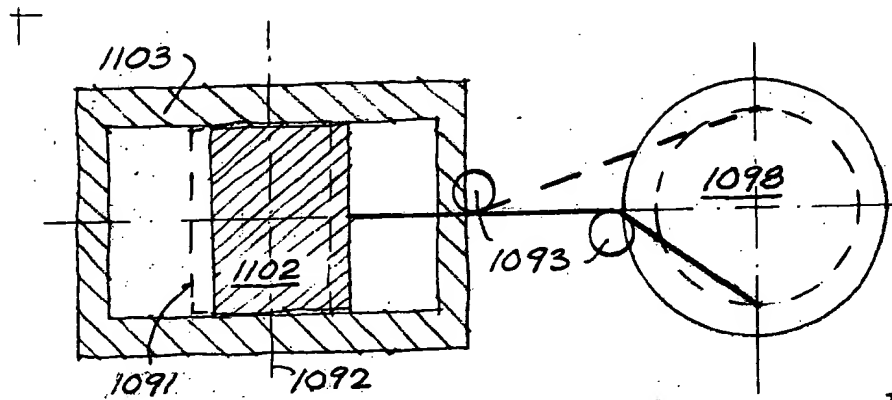


FIG. 38

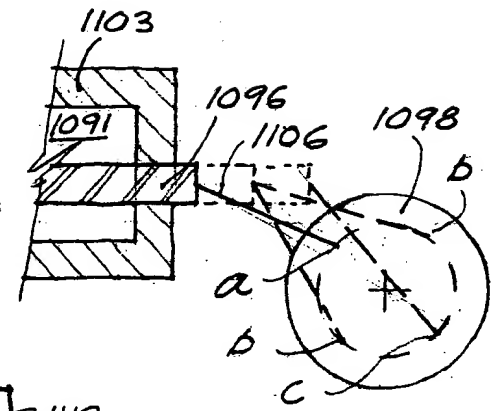


FIG. 40

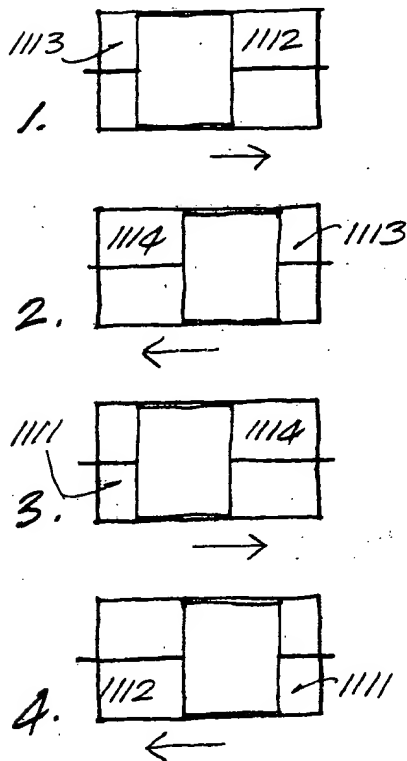


FIG. 39a

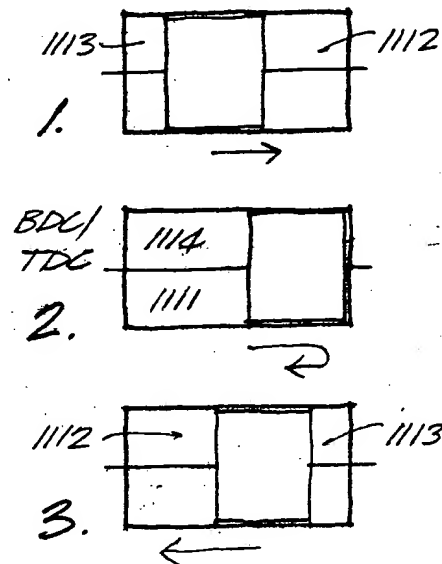


FIG. 39b

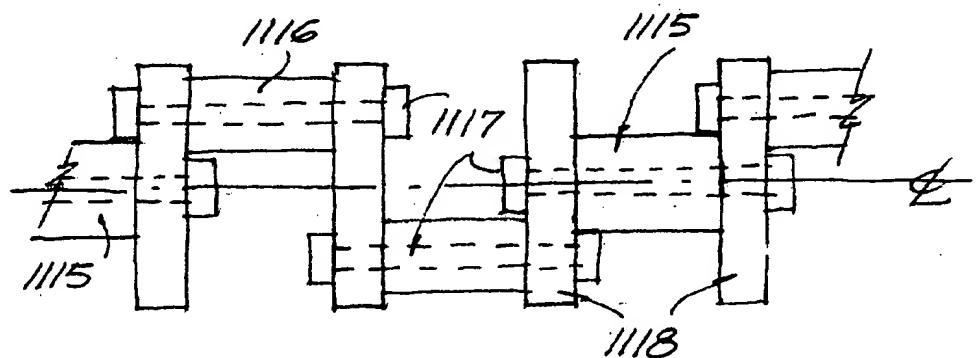
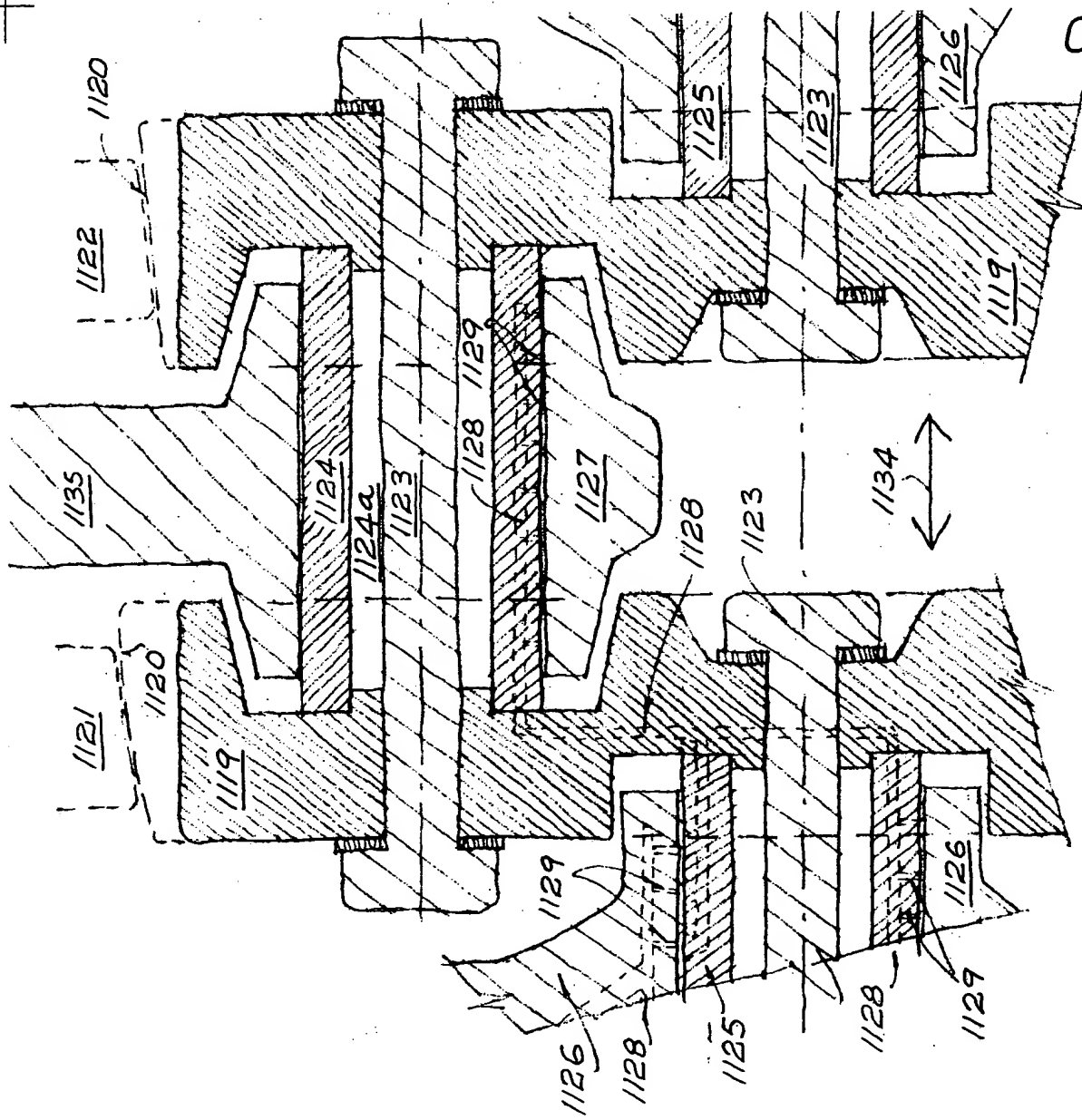


FIG. 41



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FIG. 42

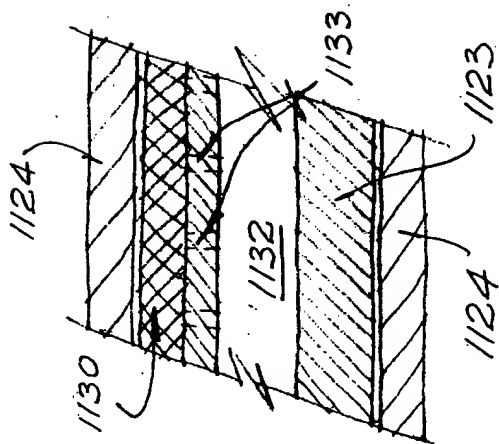


FIG. 43

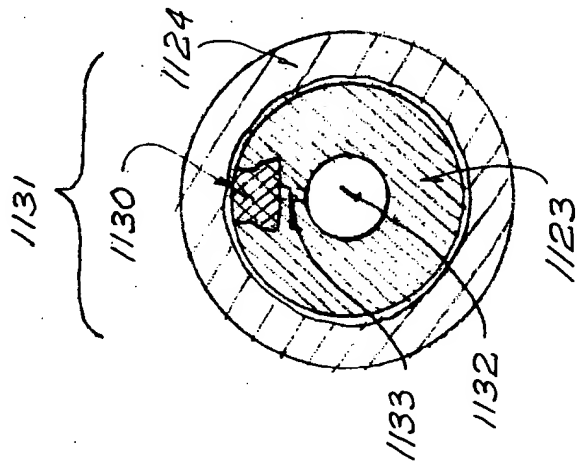
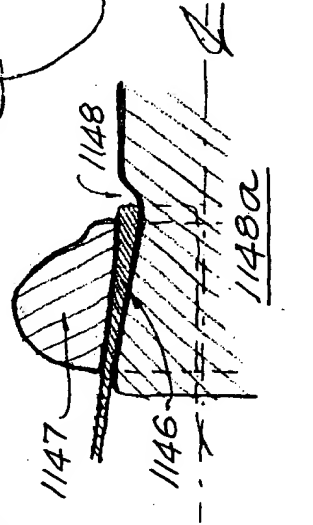
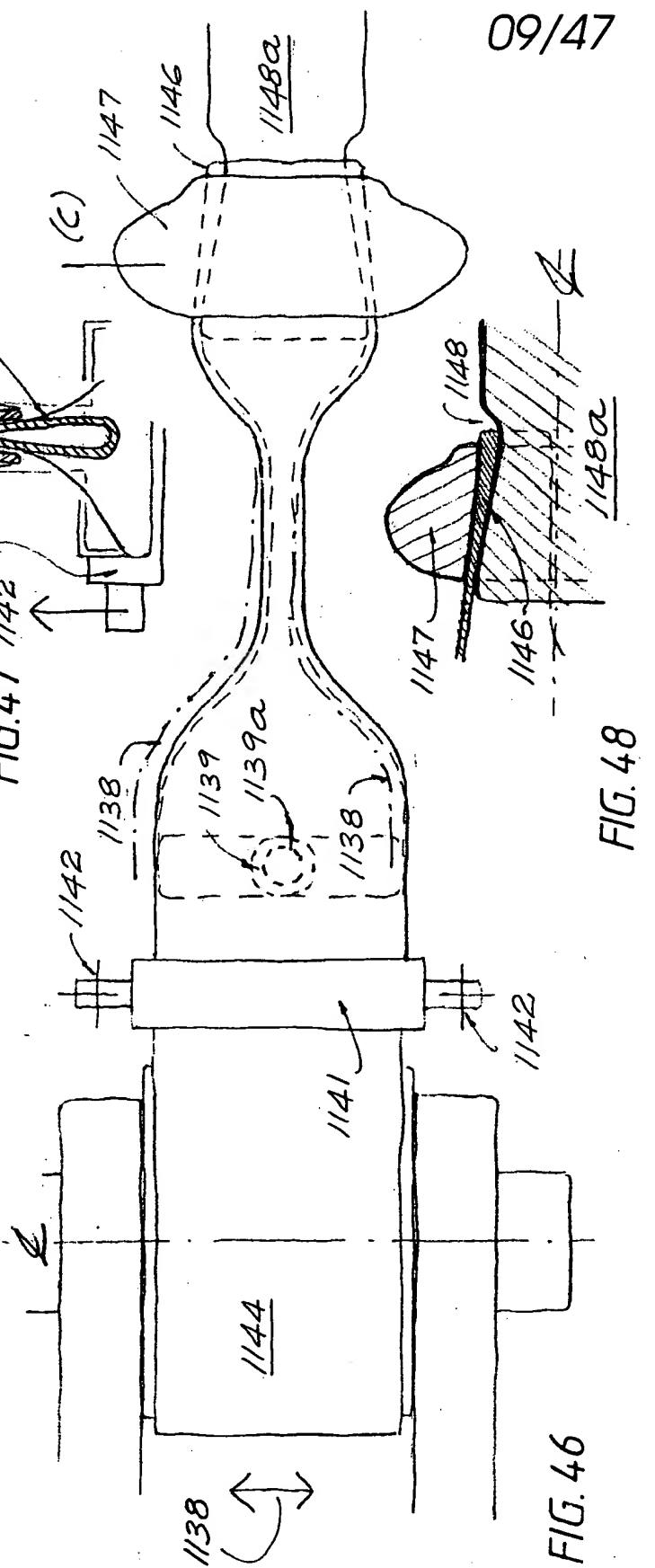
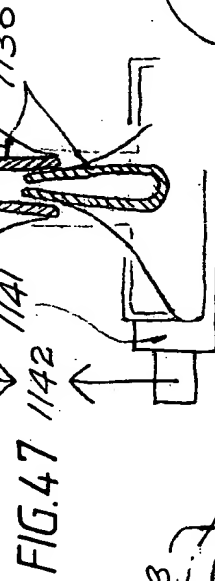
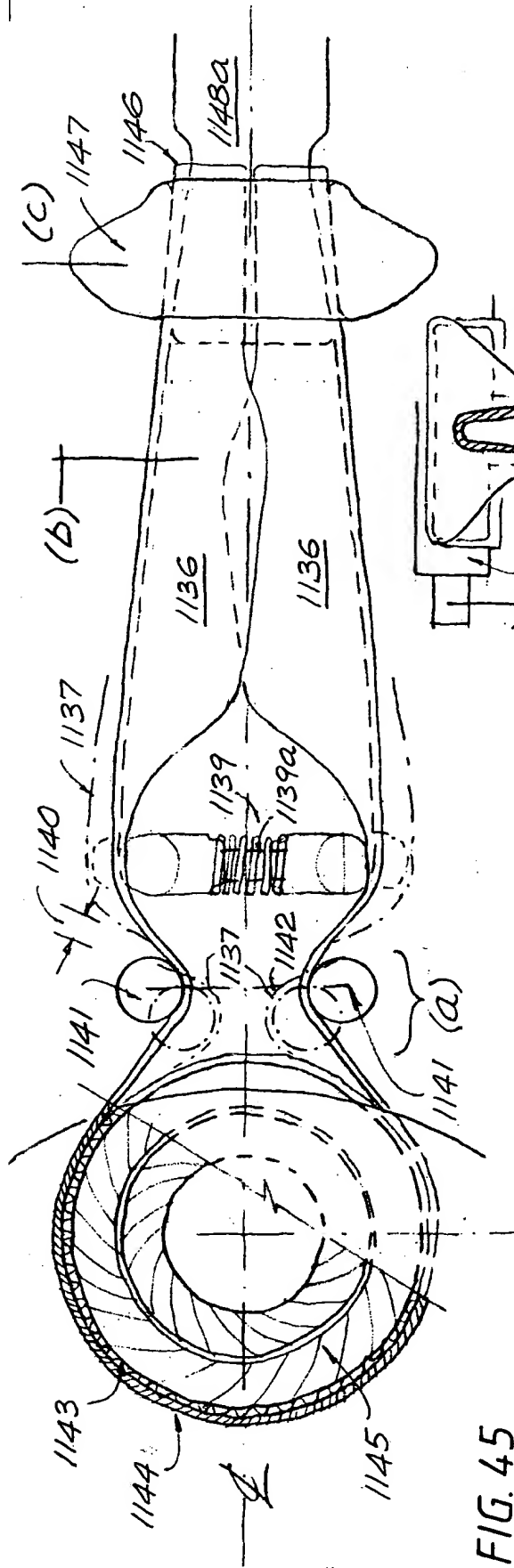


FIG. 44

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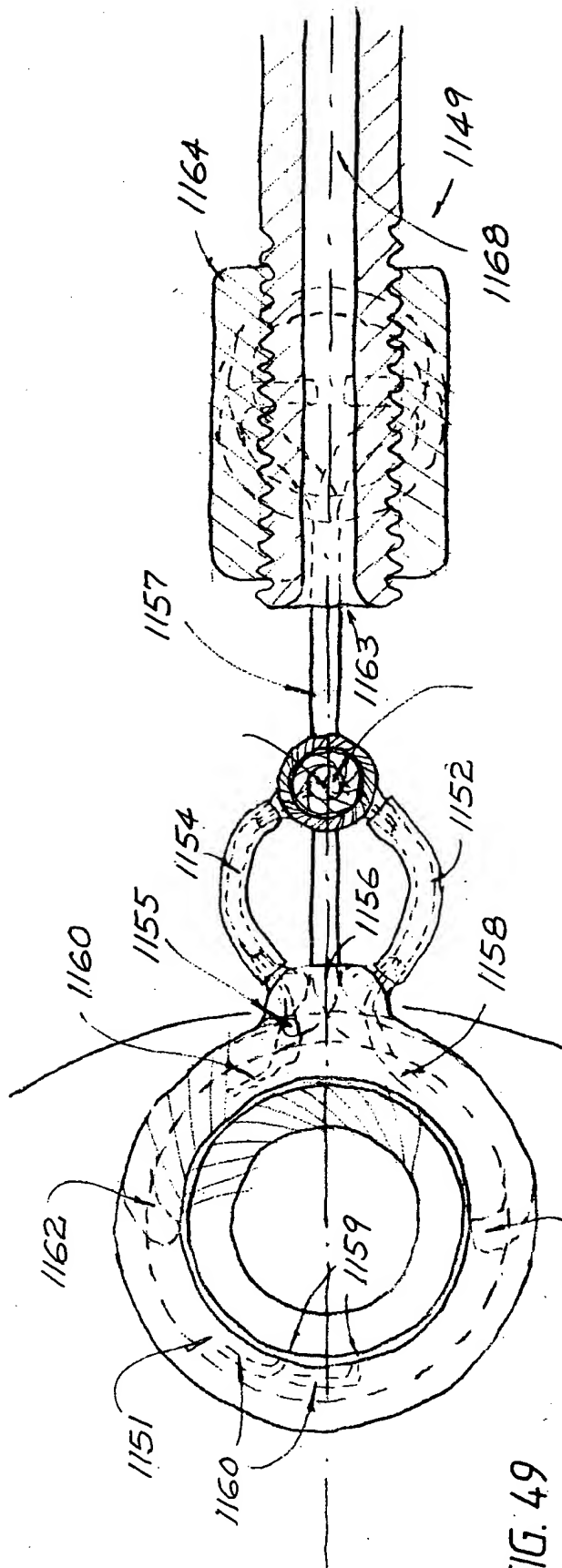


FIG. 49

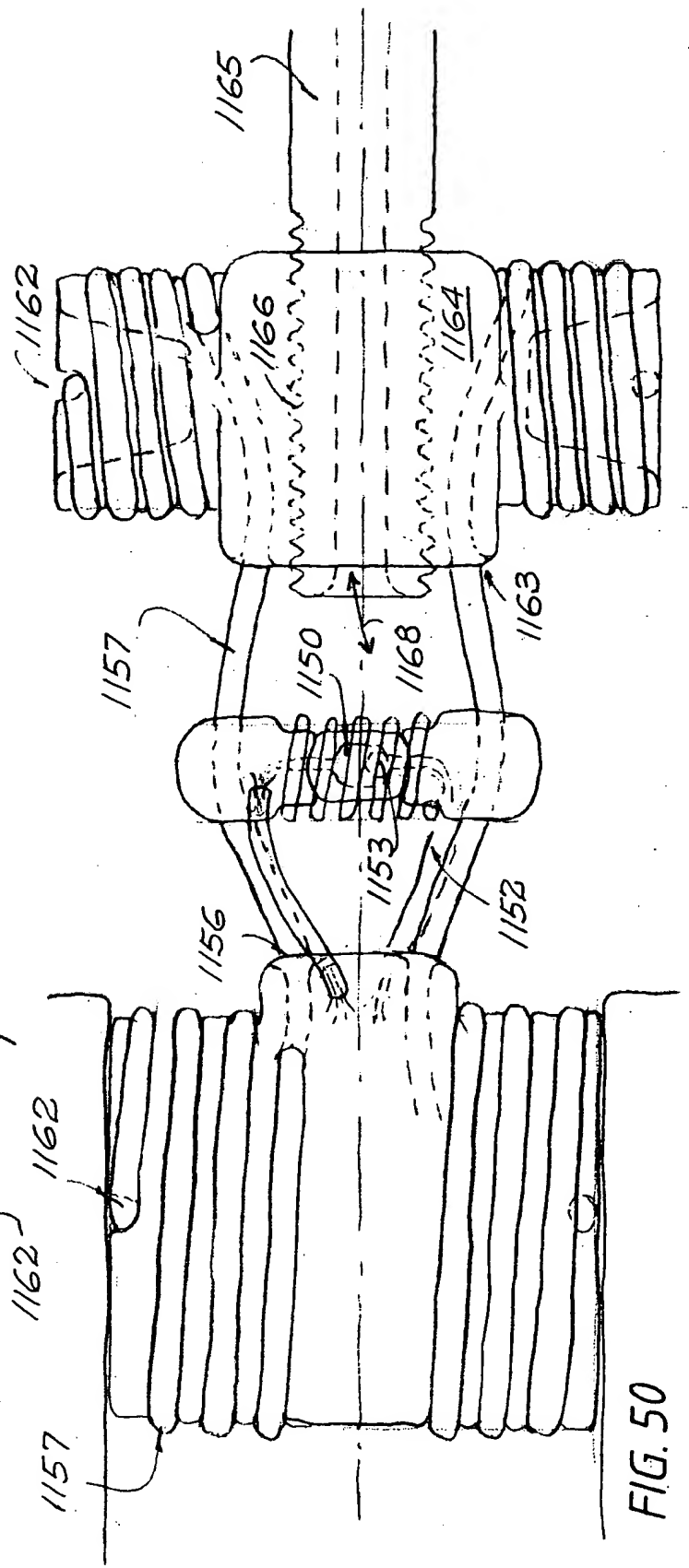


FIG. 50

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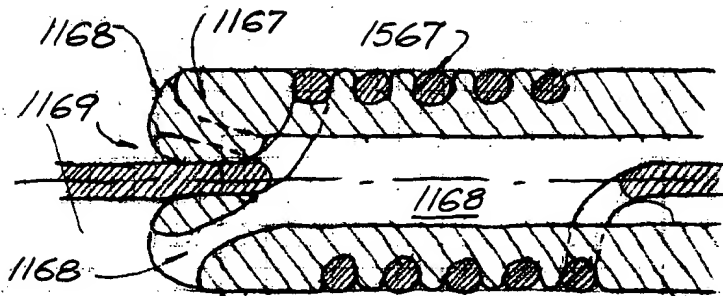


FIG. 51

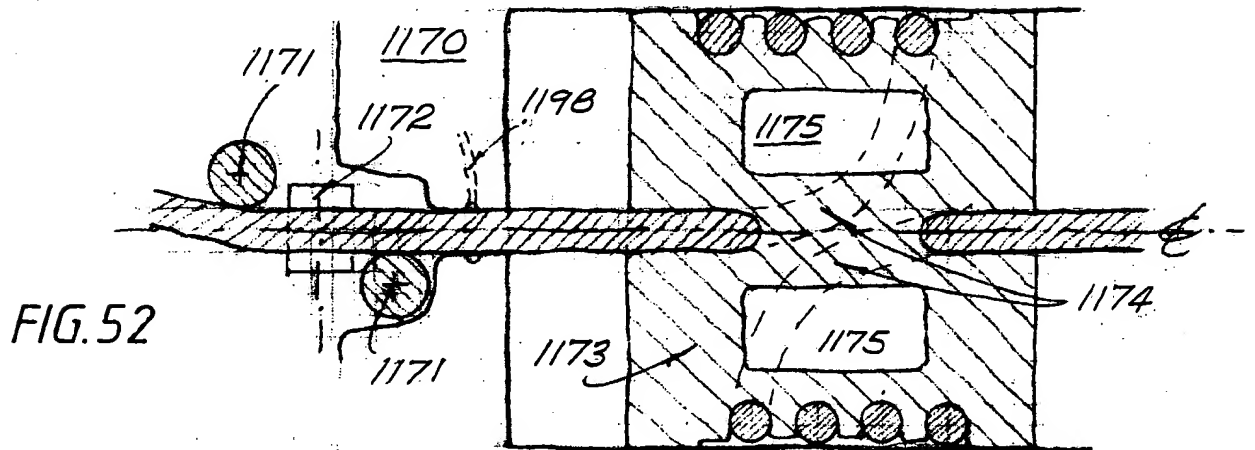


FIG. 52

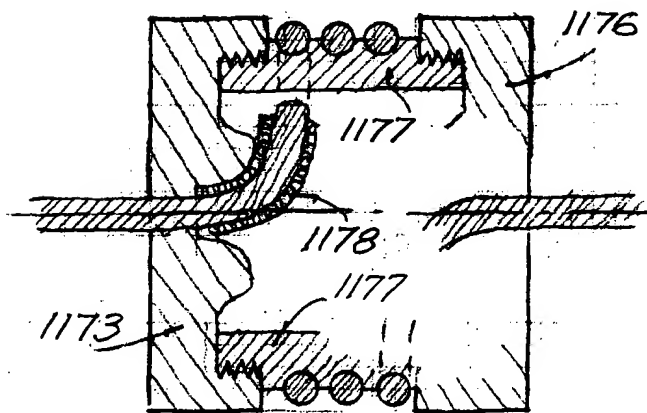


FIG. 53

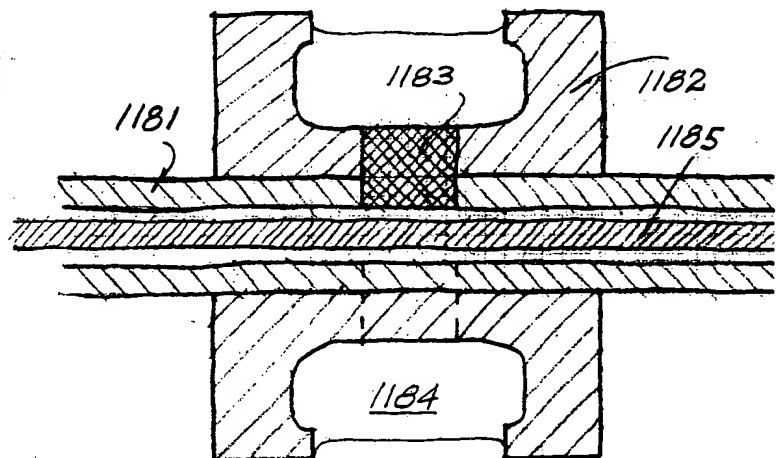


FIG. 55

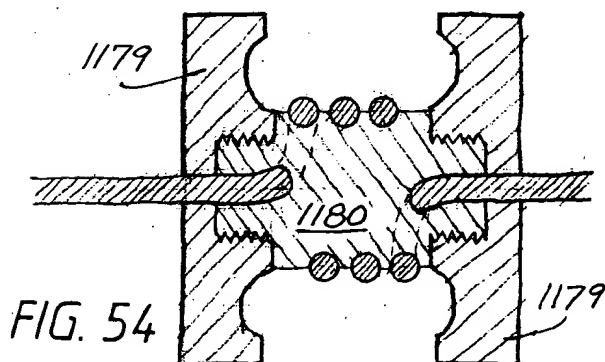


FIG. 54

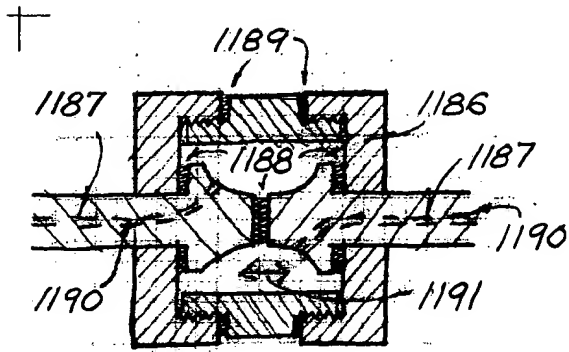


FIG. 56

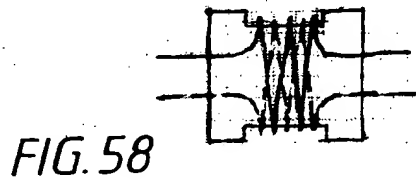


FIG. 58

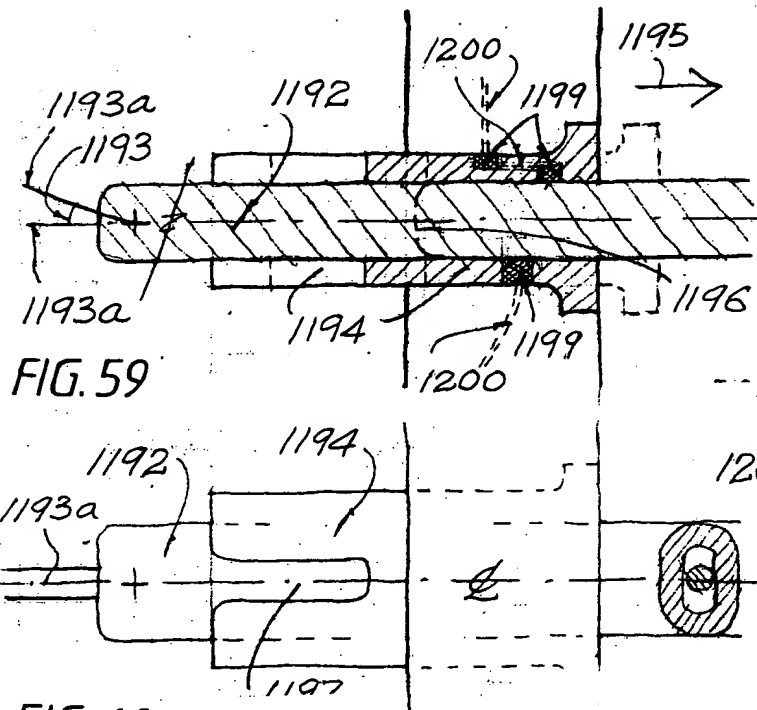


FIG. 59

FIG. 60

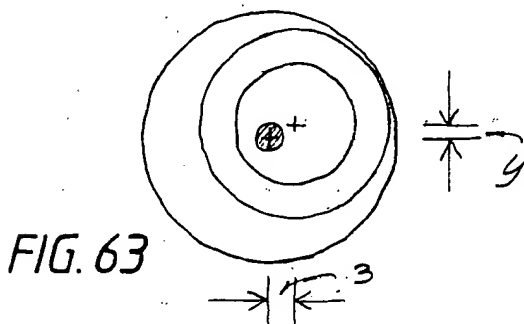


FIG. 63

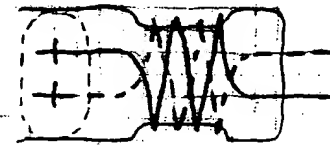


FIG. 57

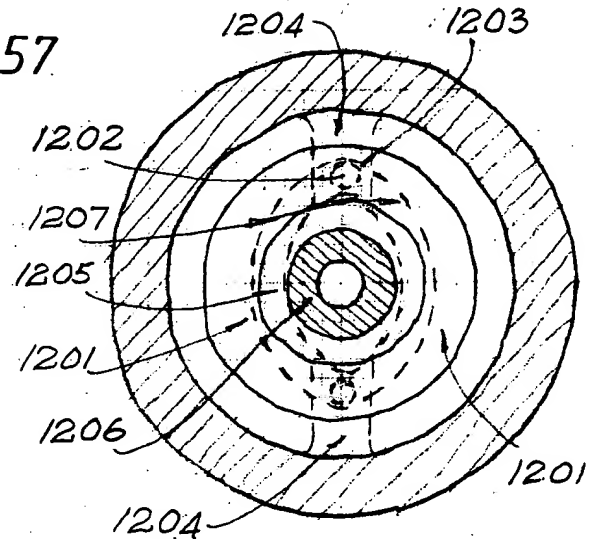


FIG. 61

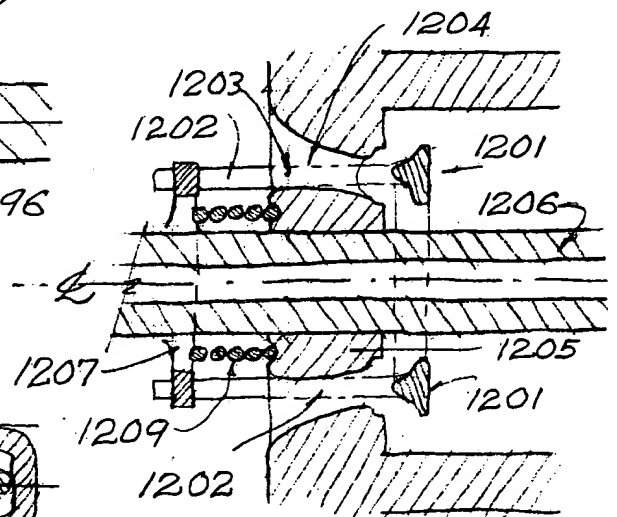


FIG. 62

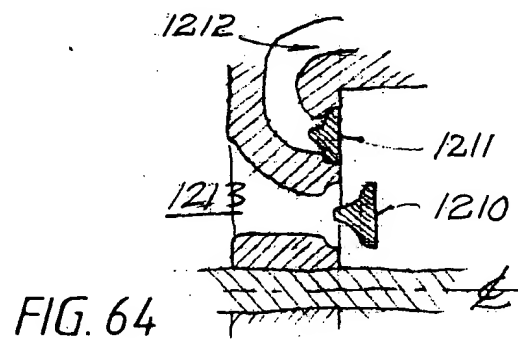
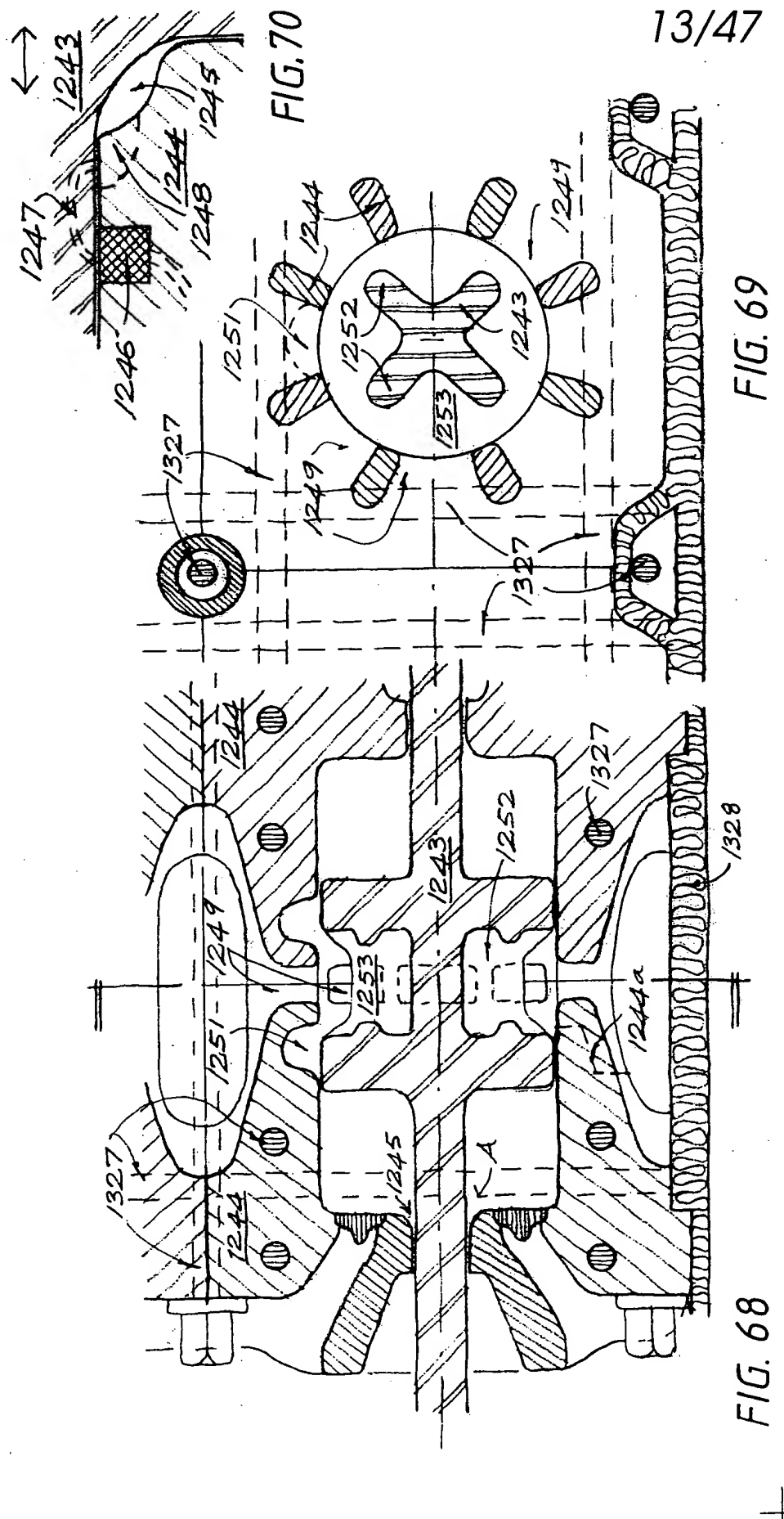
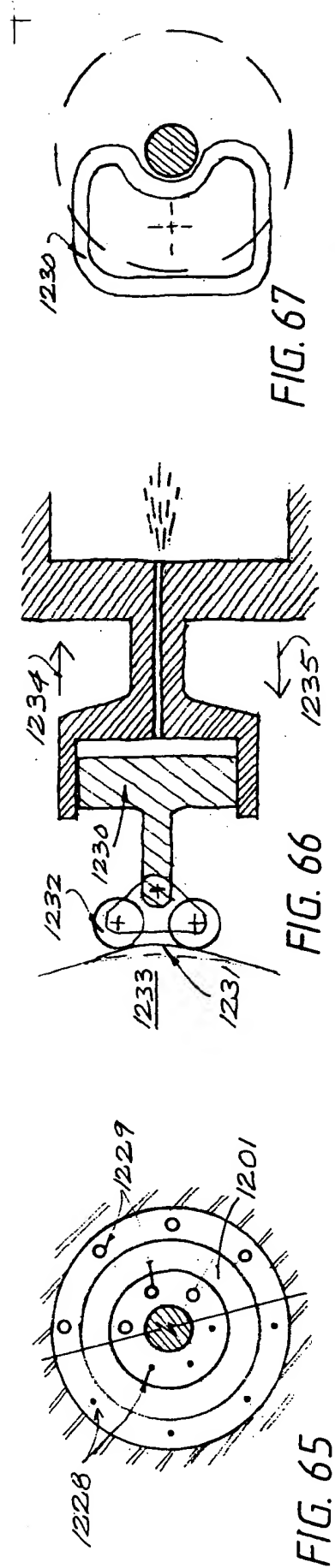
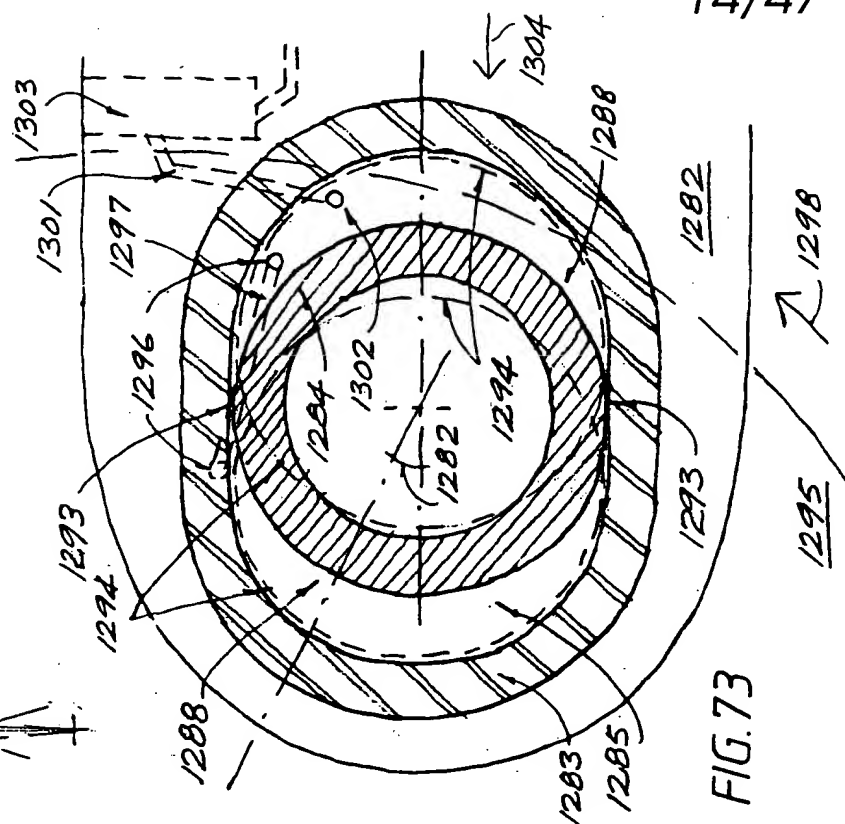
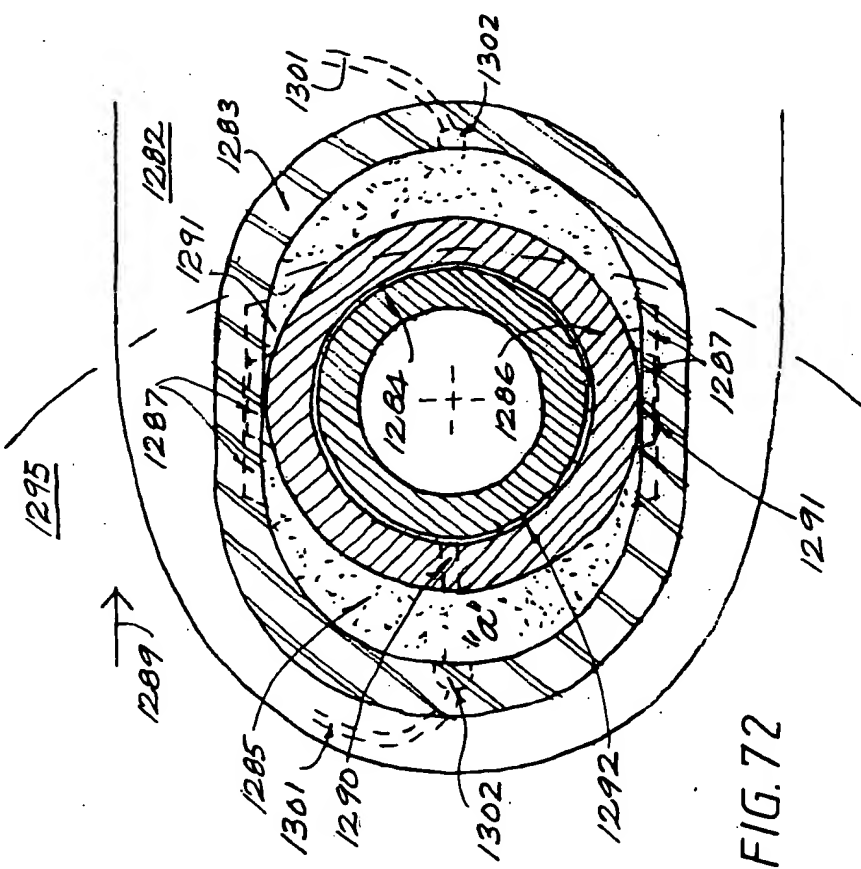
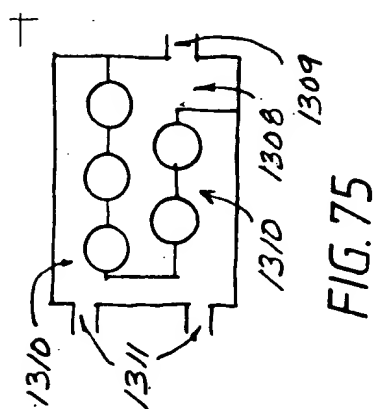
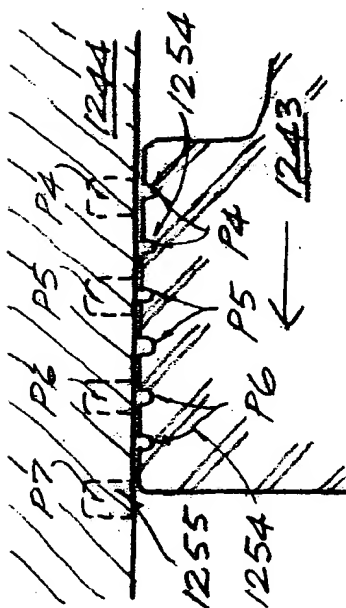
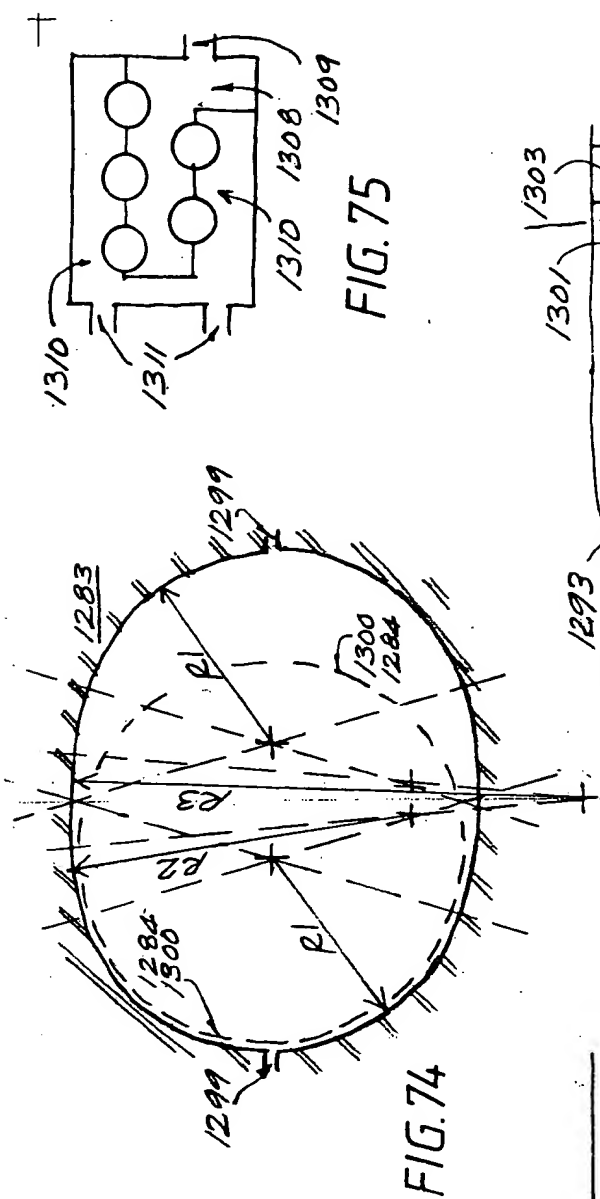


FIG. 64





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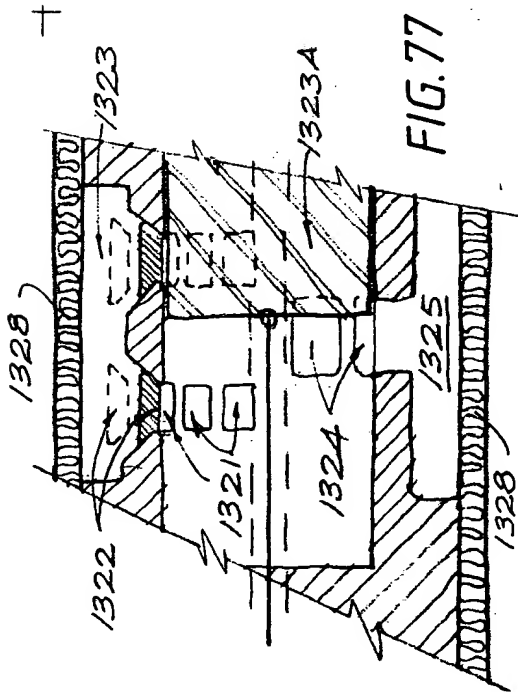


FIG. 77

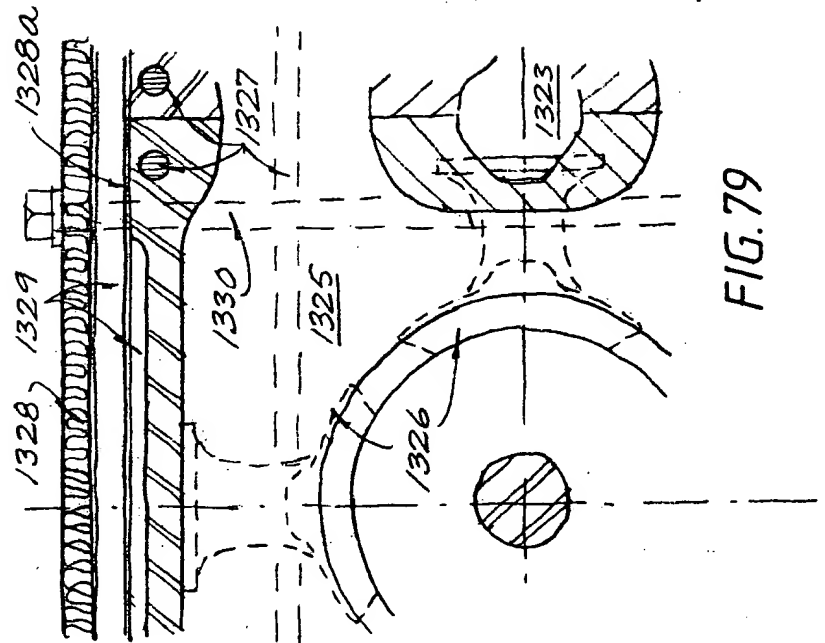


FIG. 79



FIG. 80

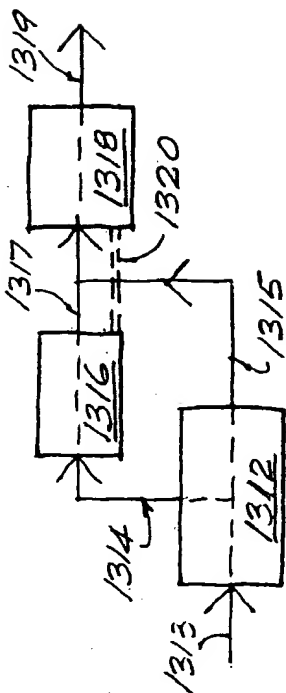


FIG. 76

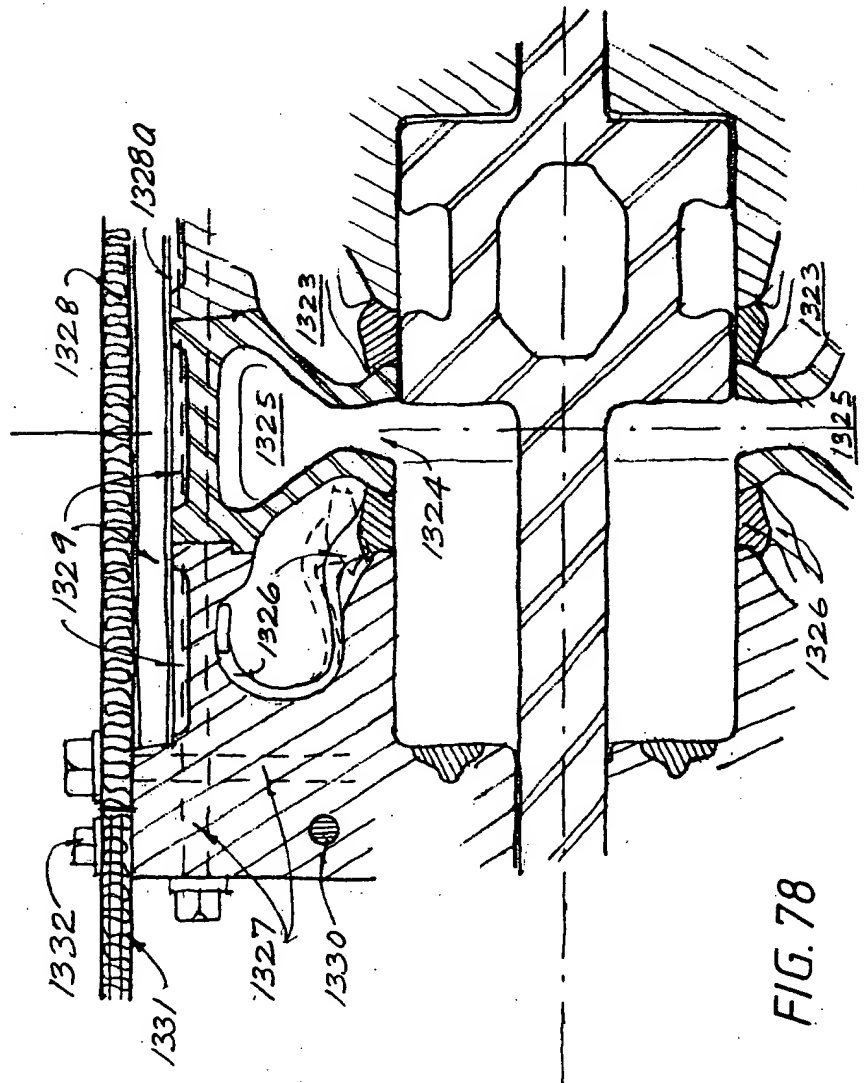


FIG. 78

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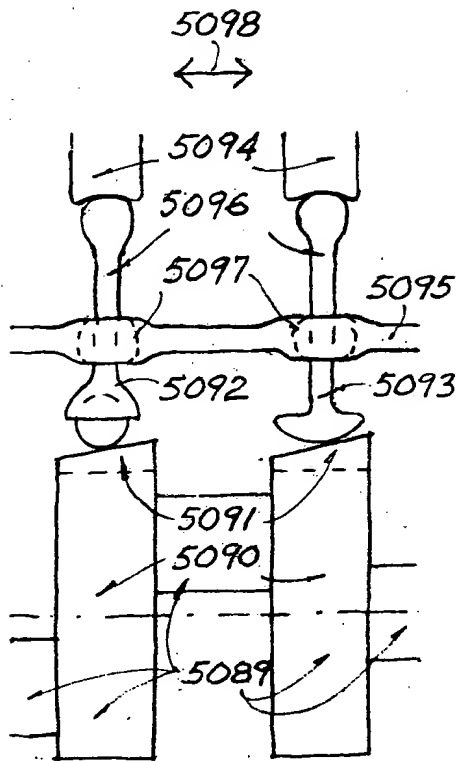


FIG. 82

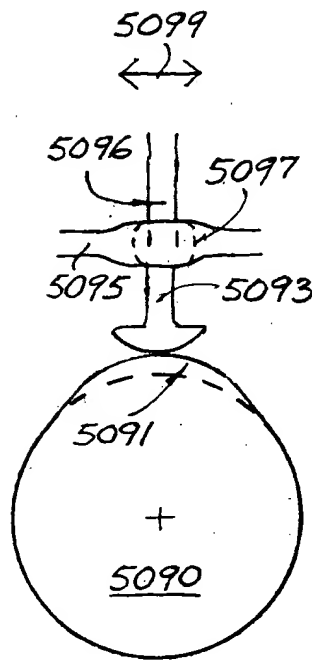


FIG. 83

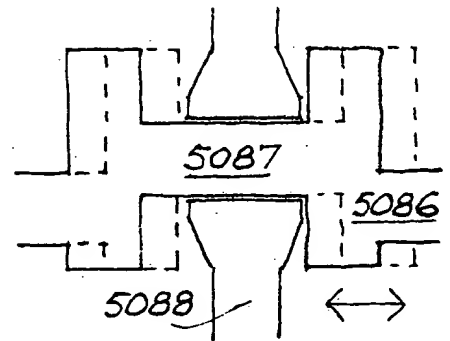


FIG. 81

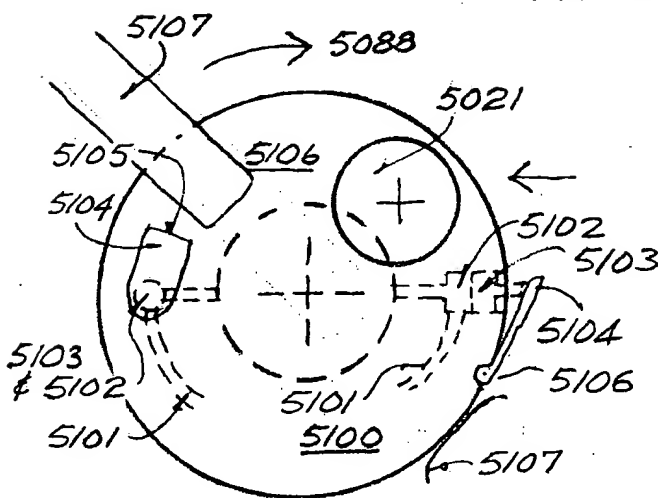


FIG. 84

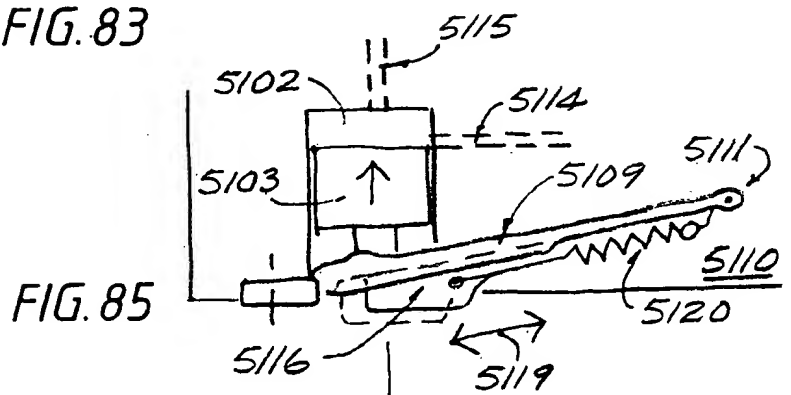


FIG. 85

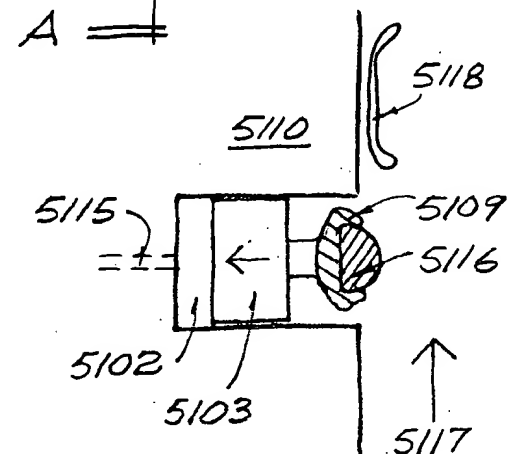


FIG. 86

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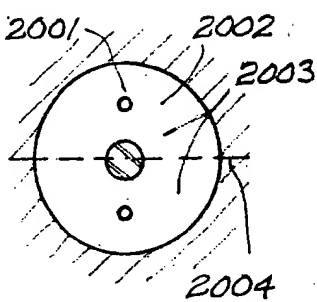


FIG. 87

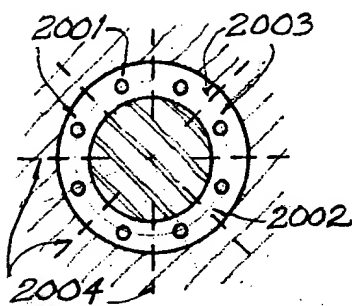


FIG. 88

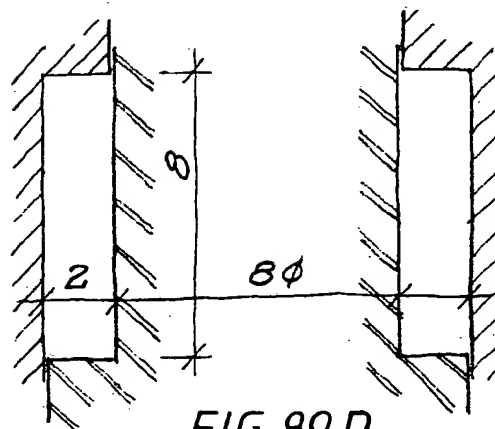


FIG. 89 D

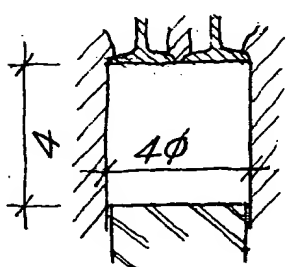


FIG. 89 A

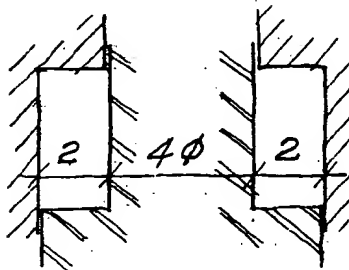


FIG. 89 B

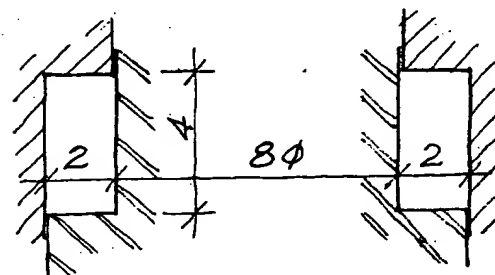


FIG. 89 C

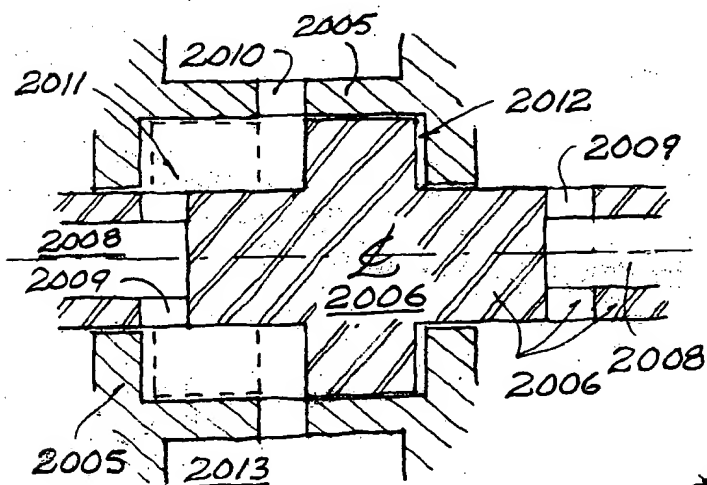


FIG. 90

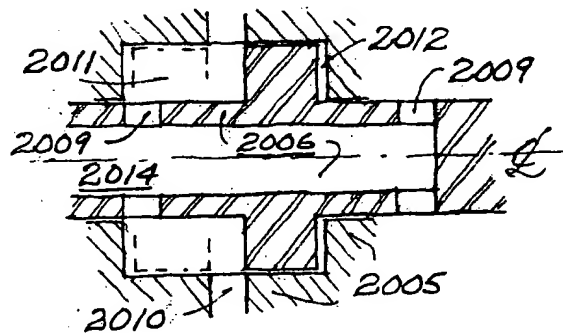


FIG. 91

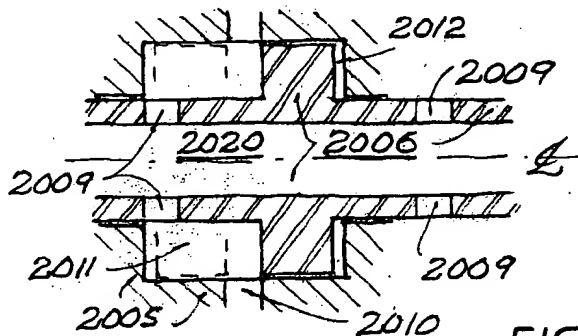
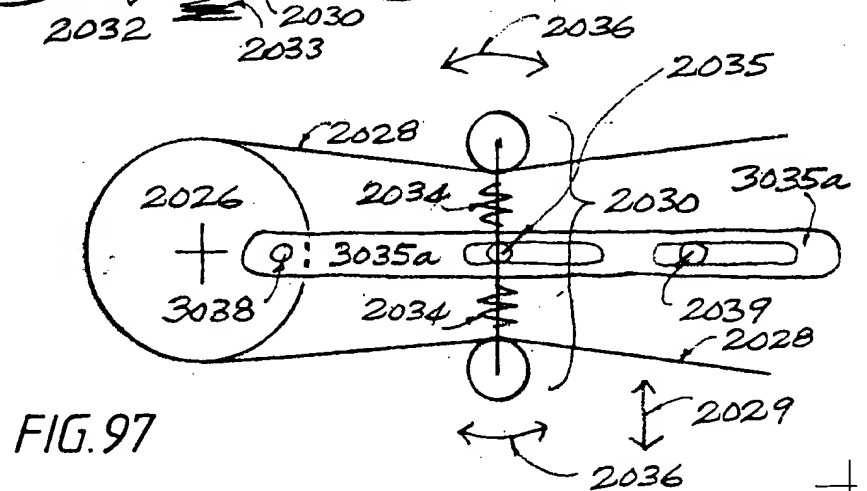
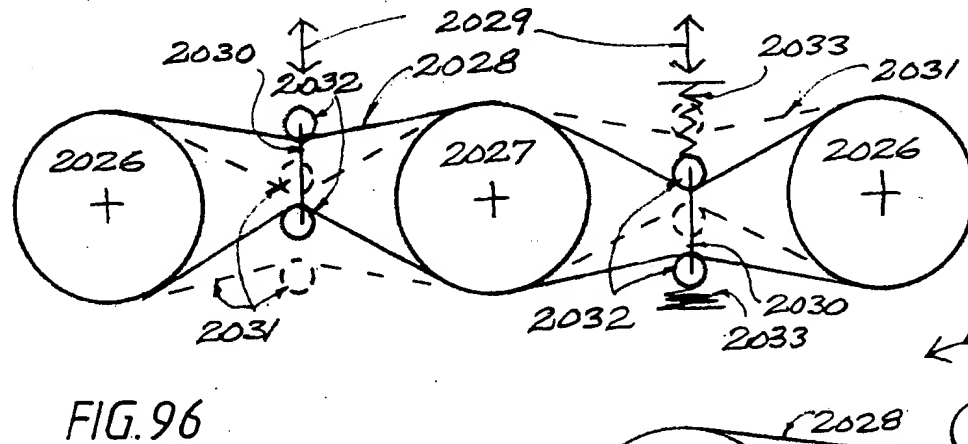
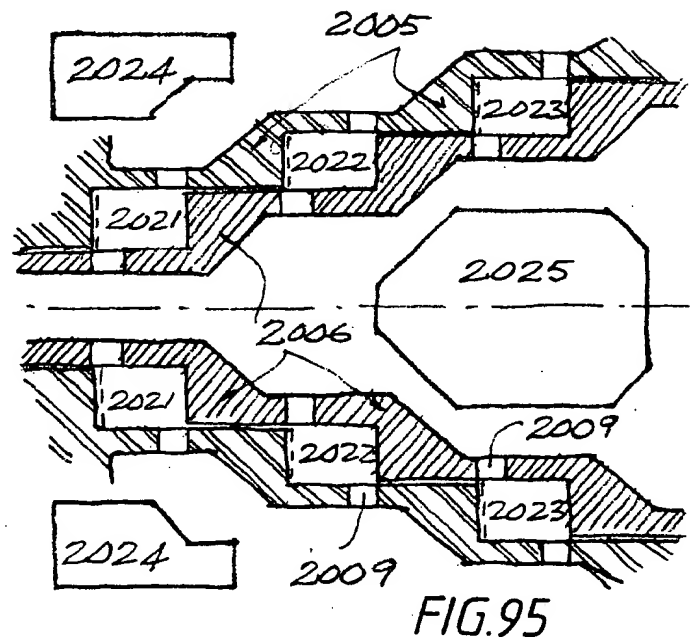
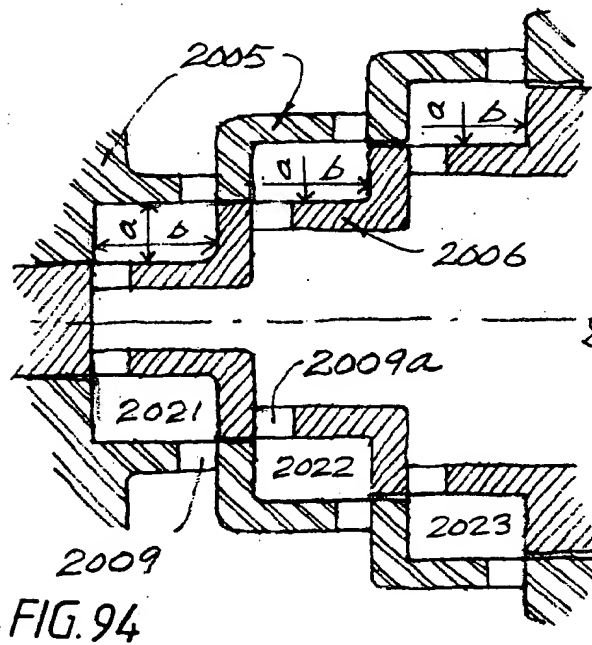
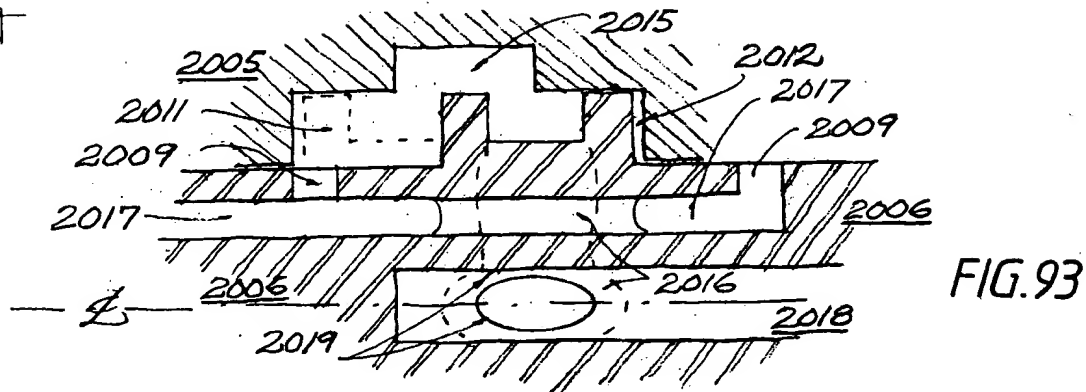


FIG. 92

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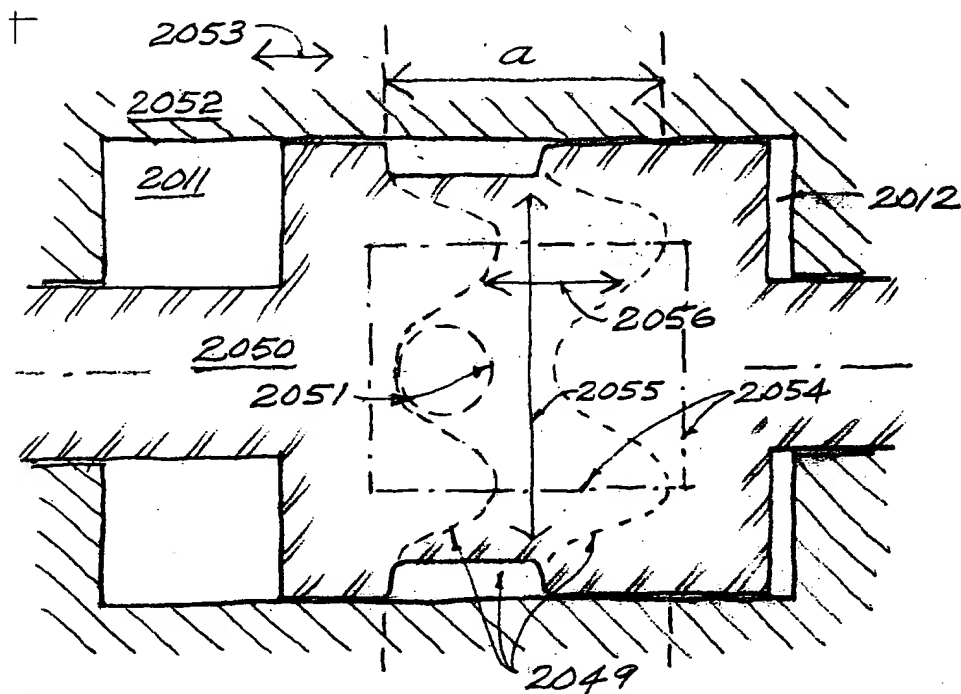


FIG. 98

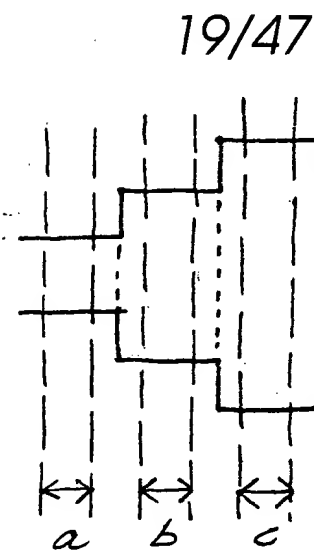


FIG. 99

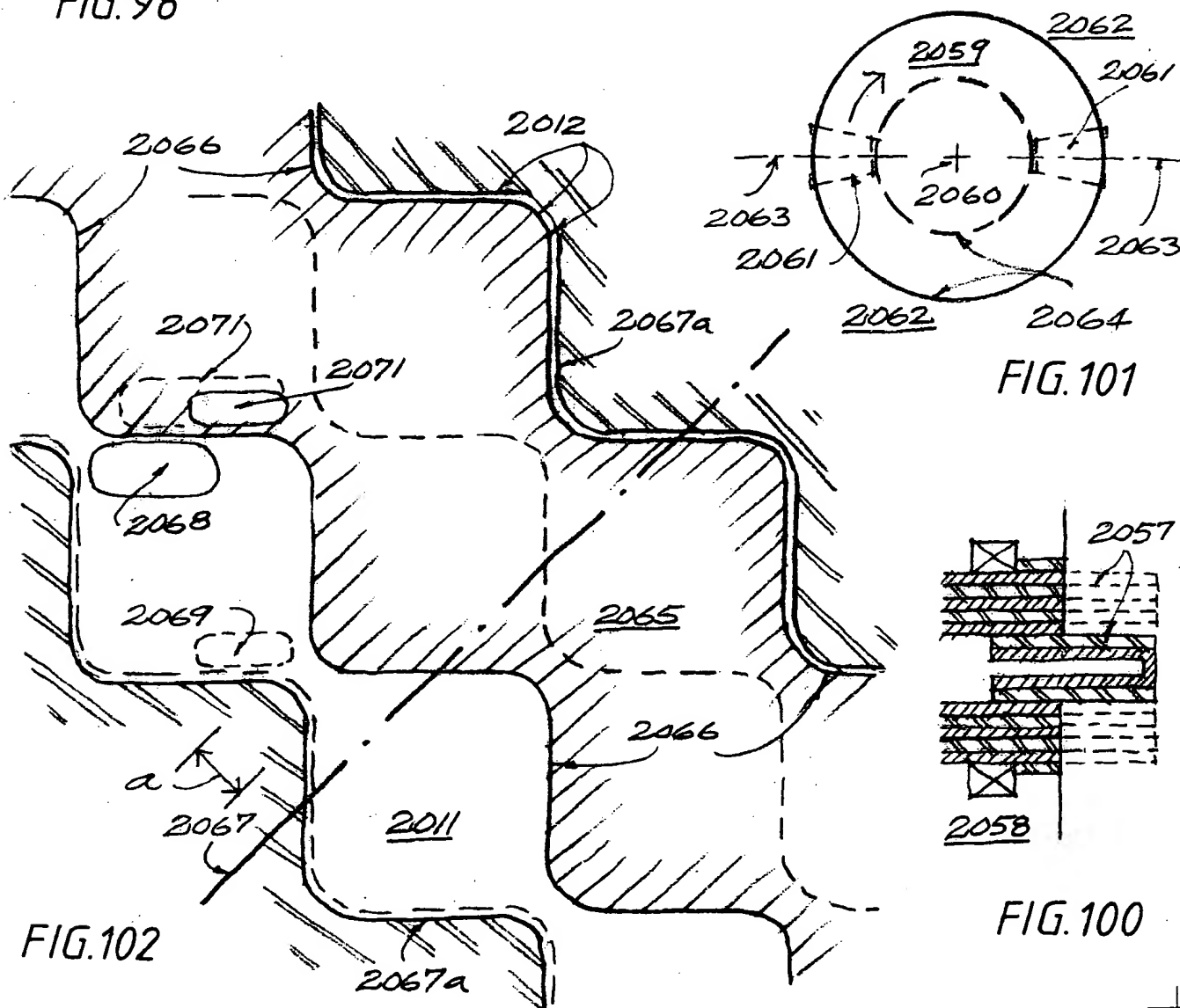


FIG. 101

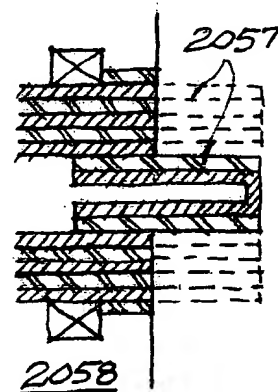
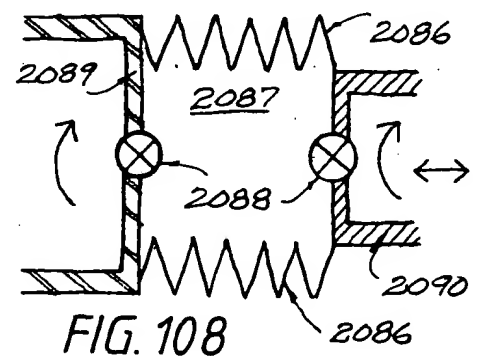
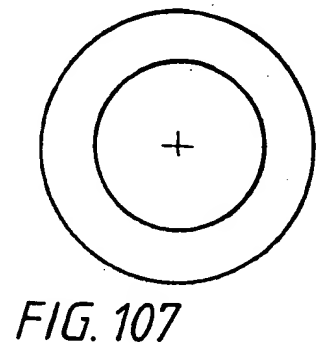
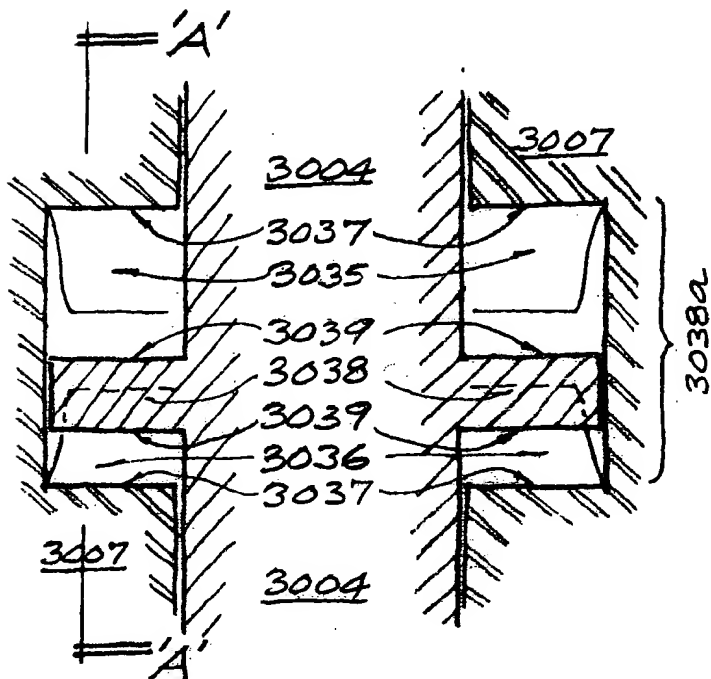
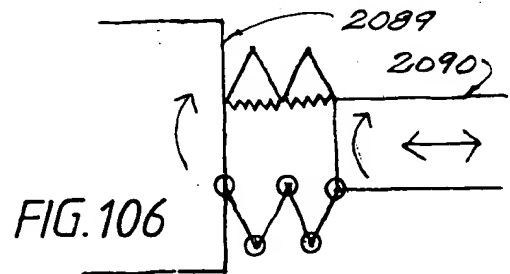
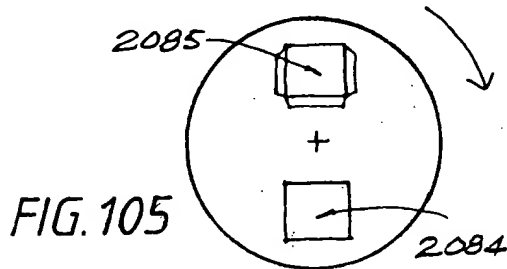
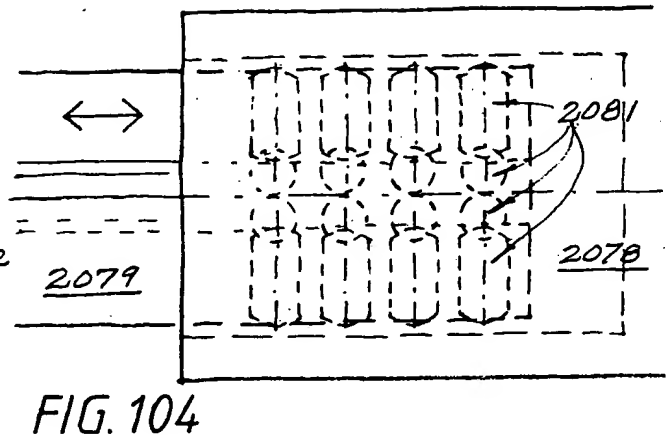
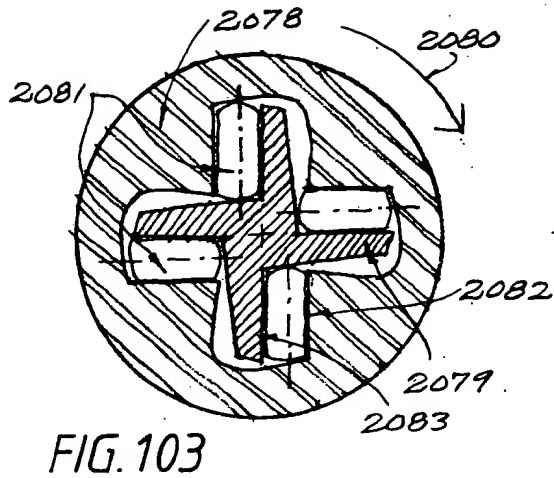


FIG. 100

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FIG. 110

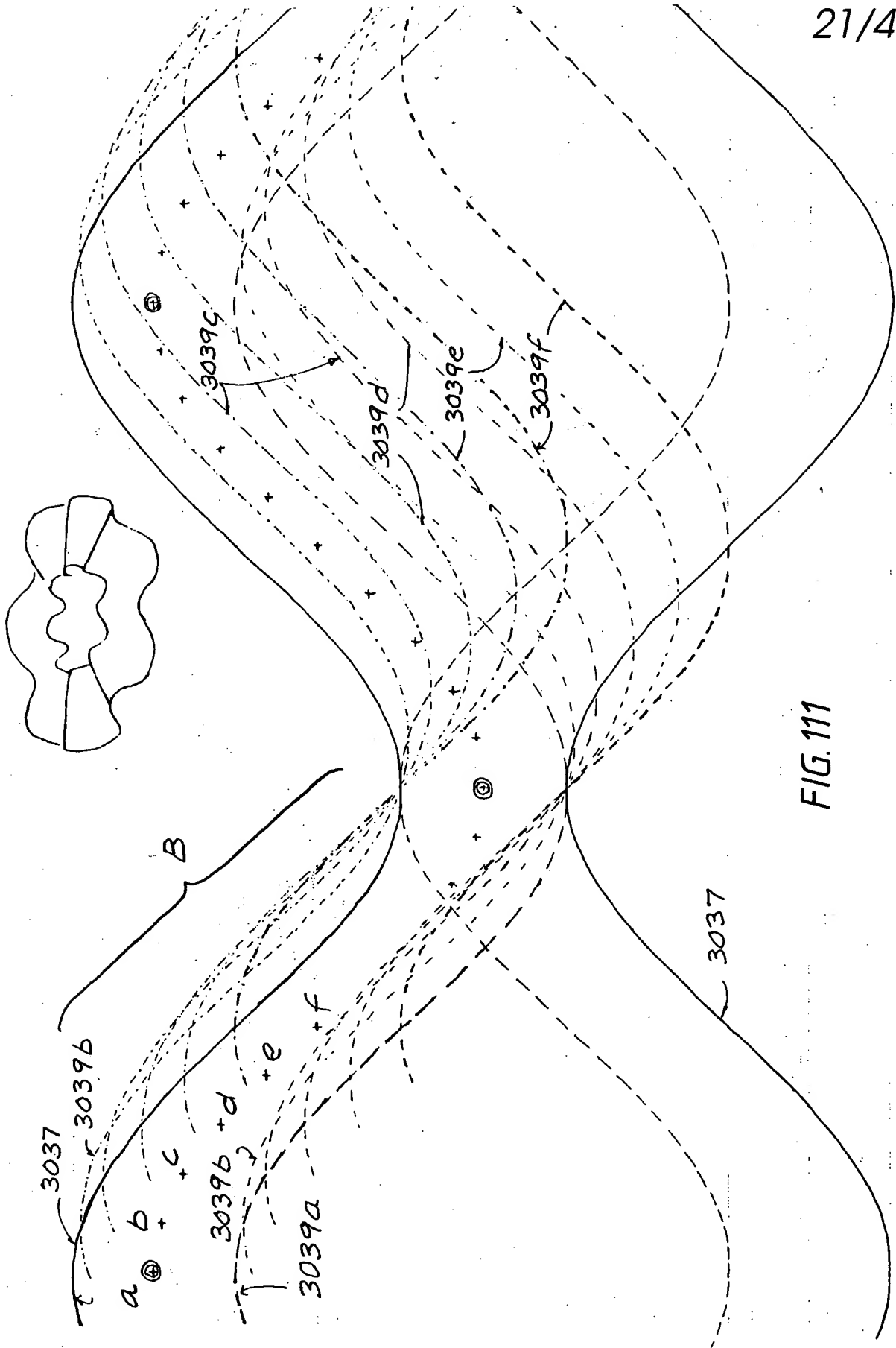
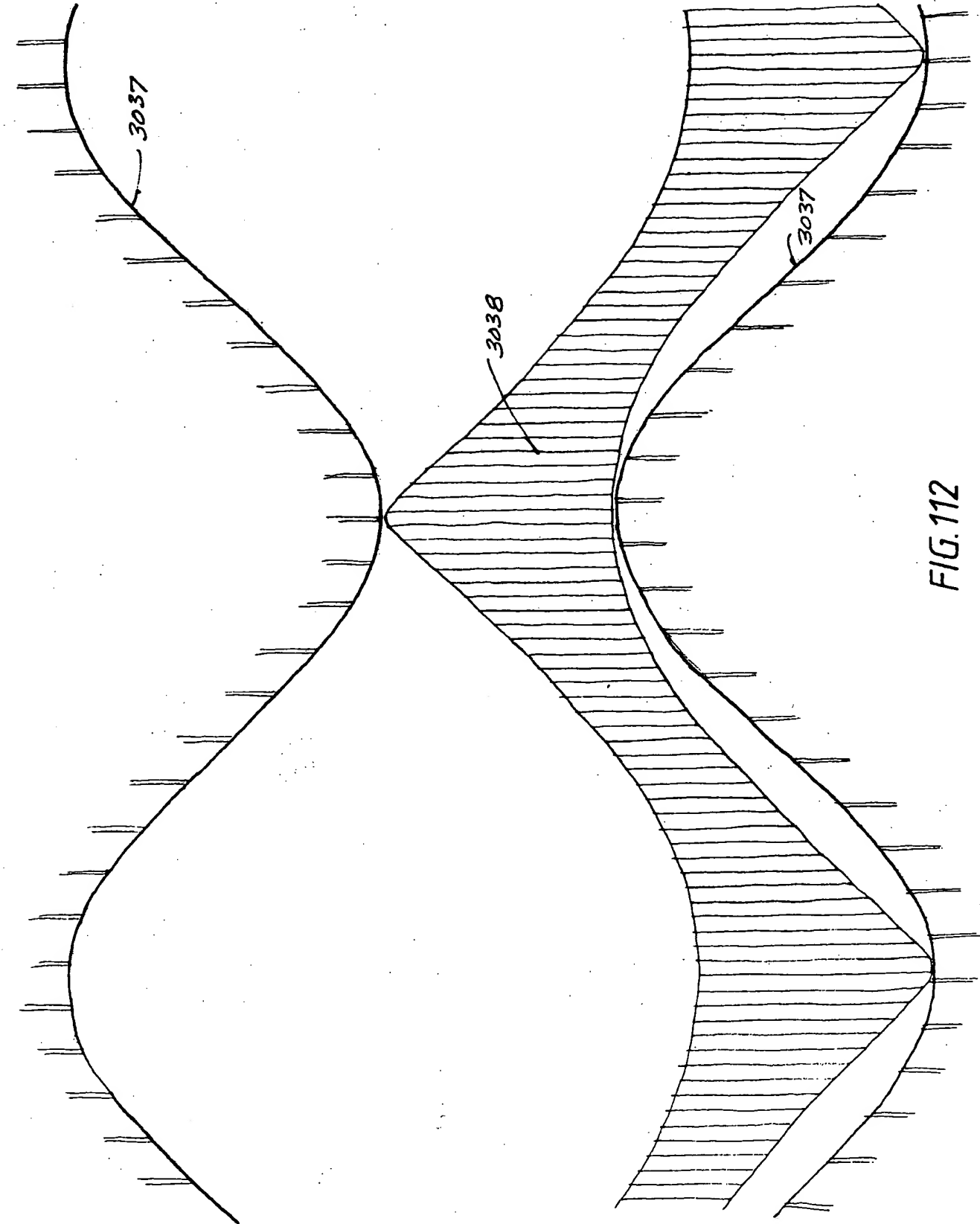
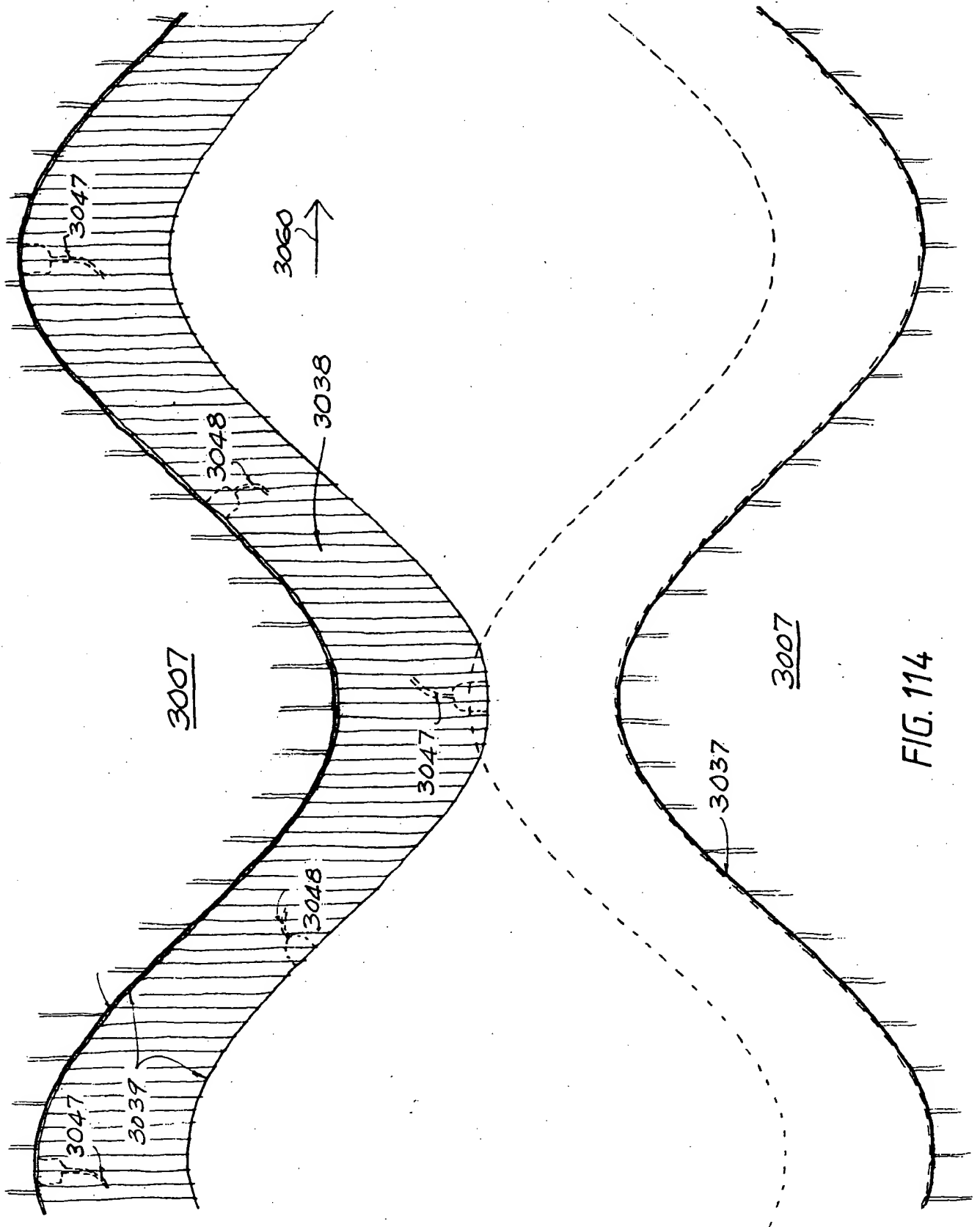


FIG. 111

+



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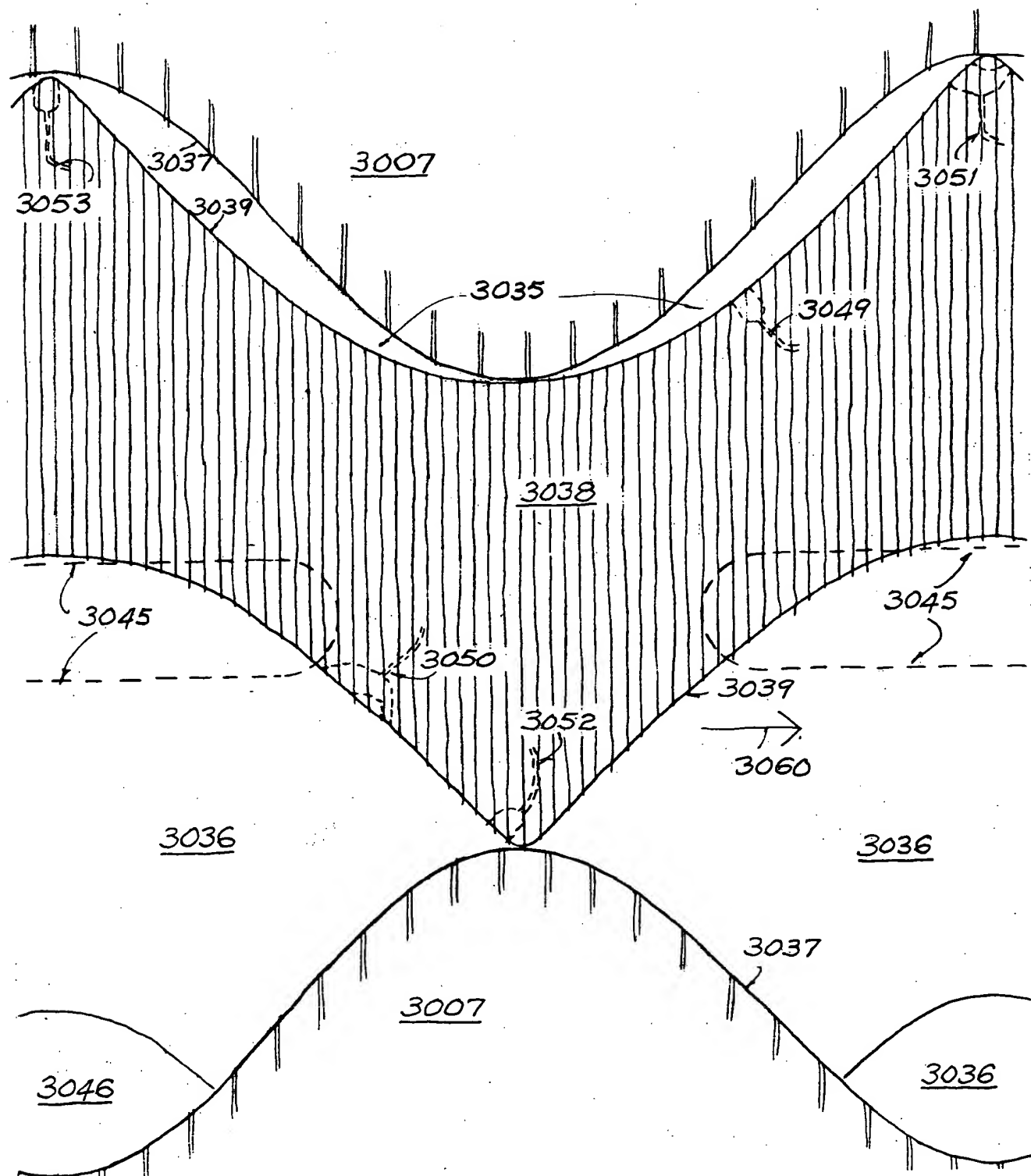


FIG. 115

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FIG. 113

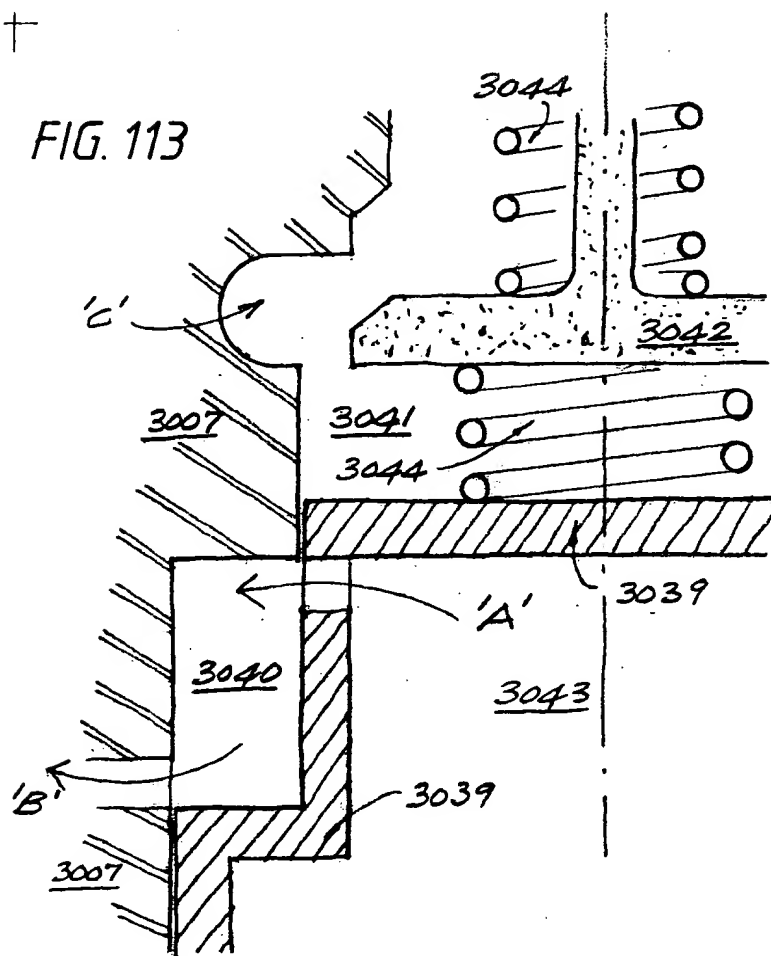
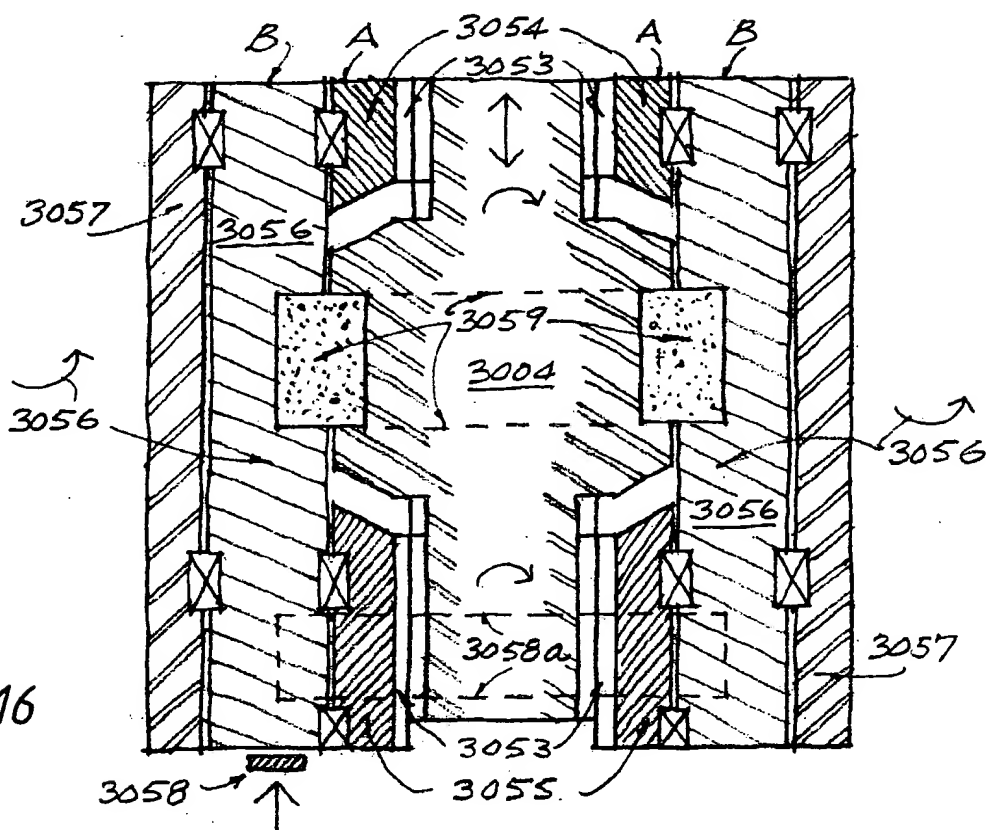


FIG. 116



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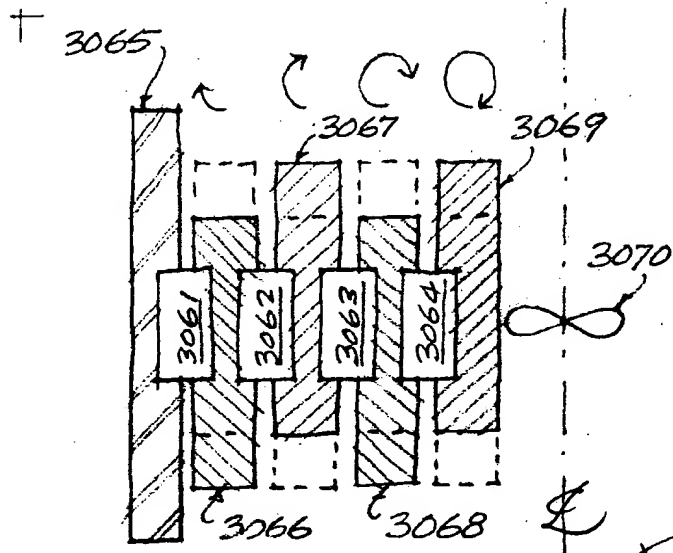


FIG. 117

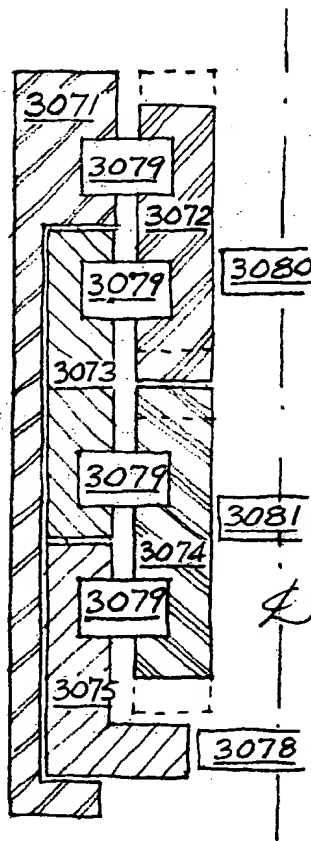


FIG. 118

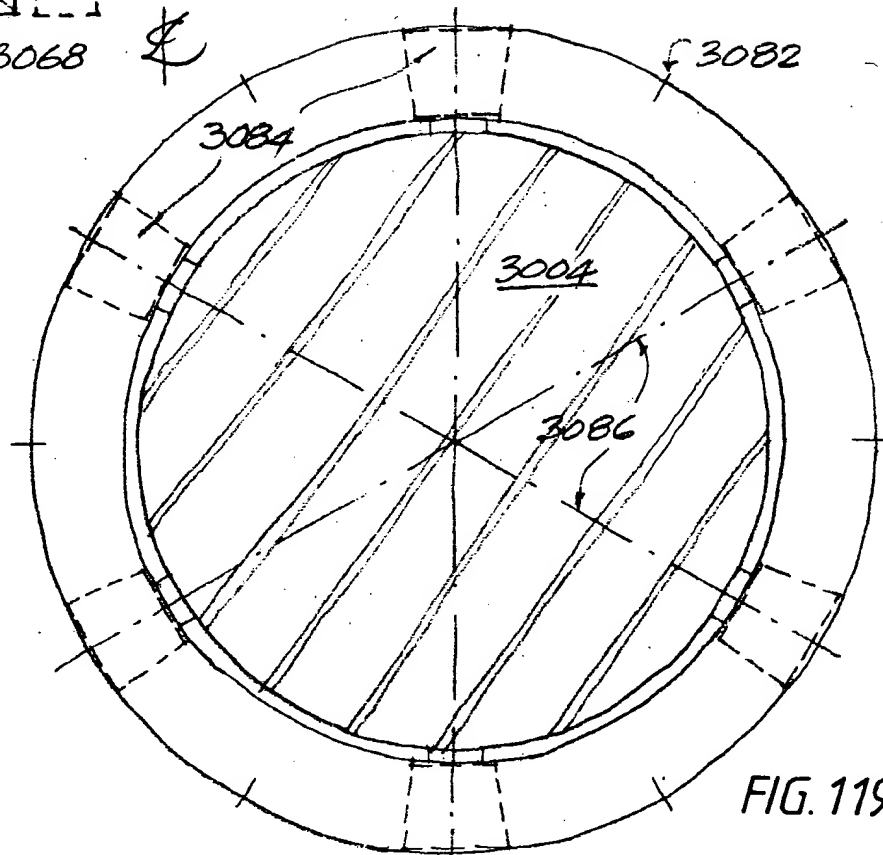


FIG. 119

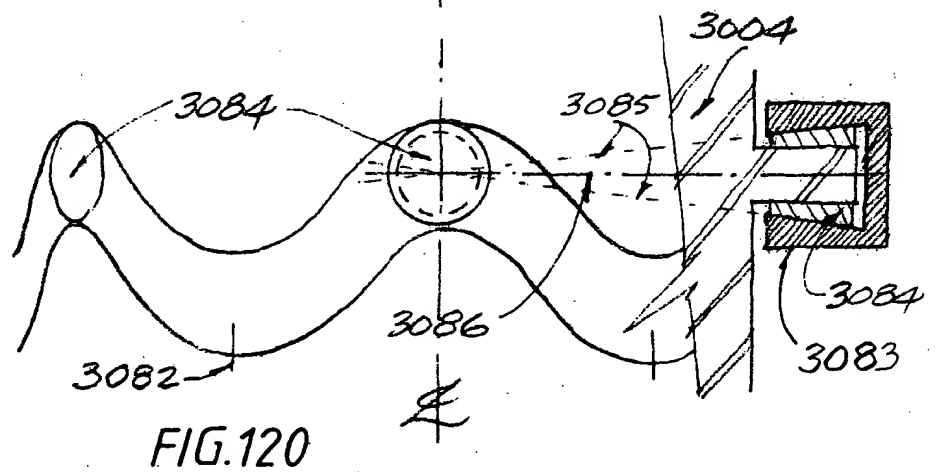


FIG. 120

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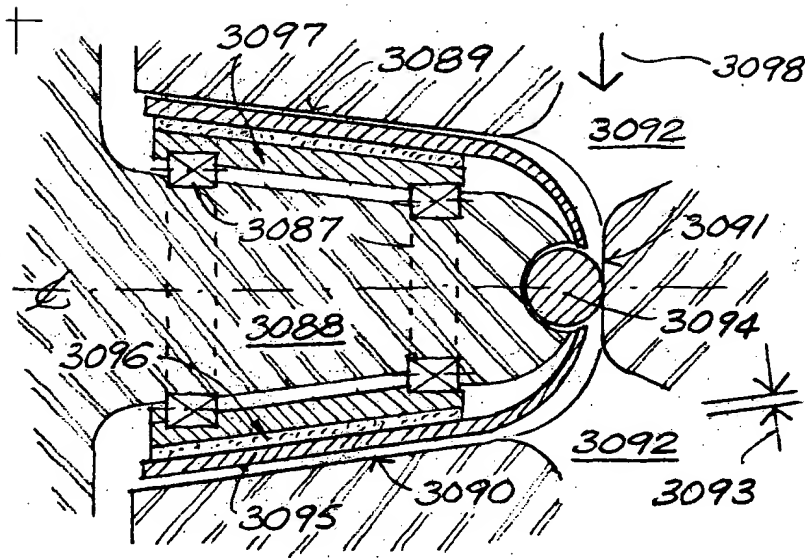


FIG. 121

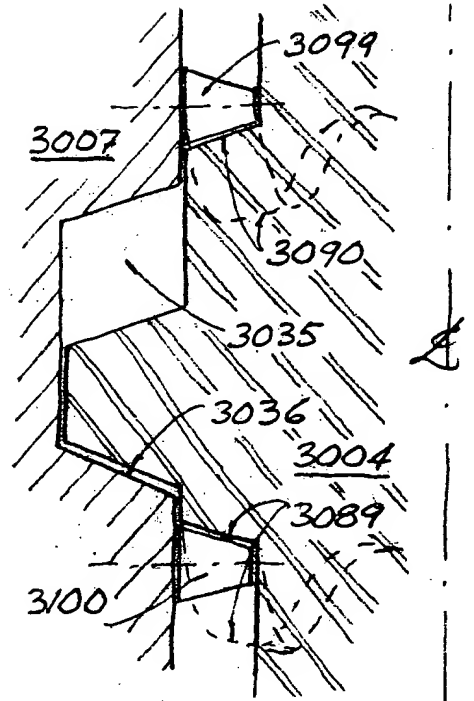


FIG. 122

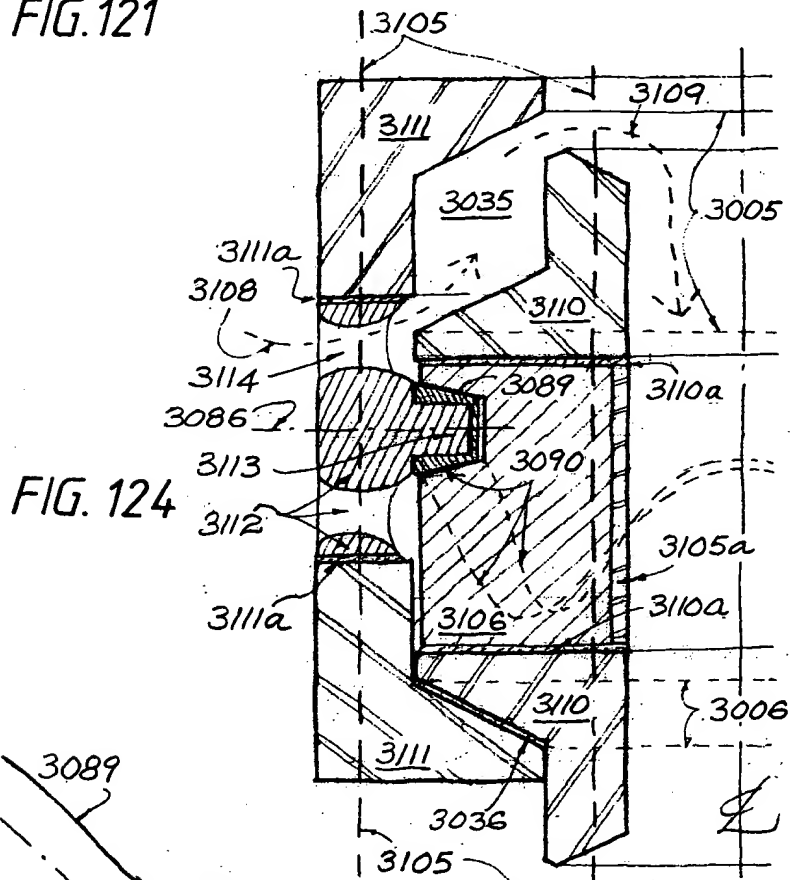


FIG. 124

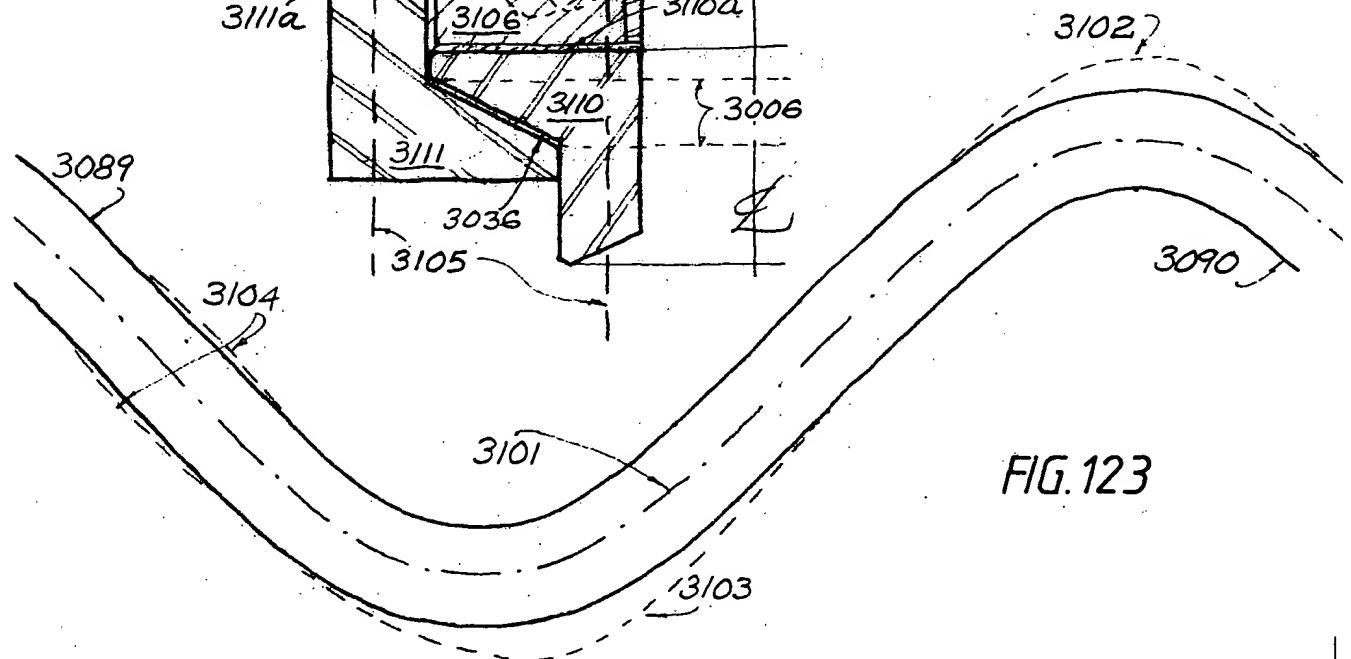


FIG. 123

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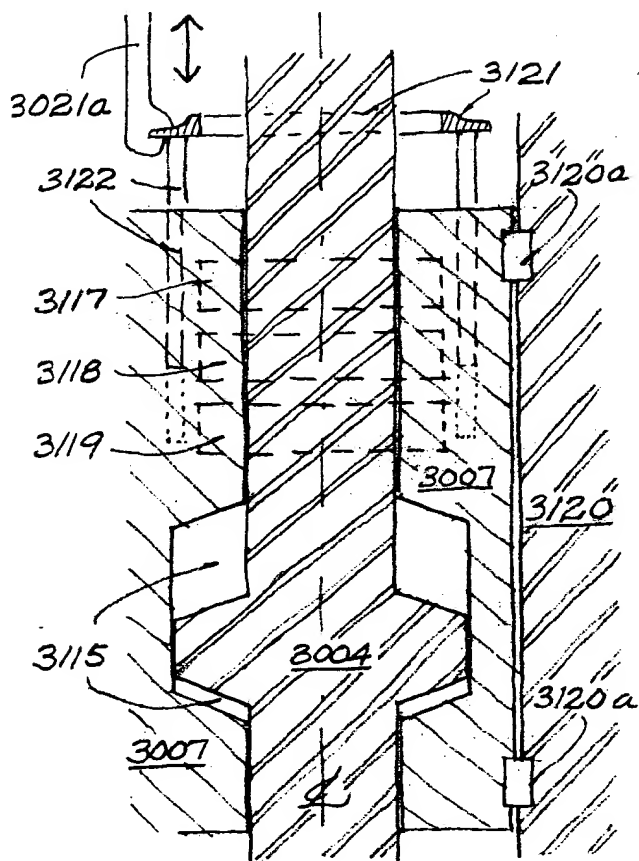


FIG. 126

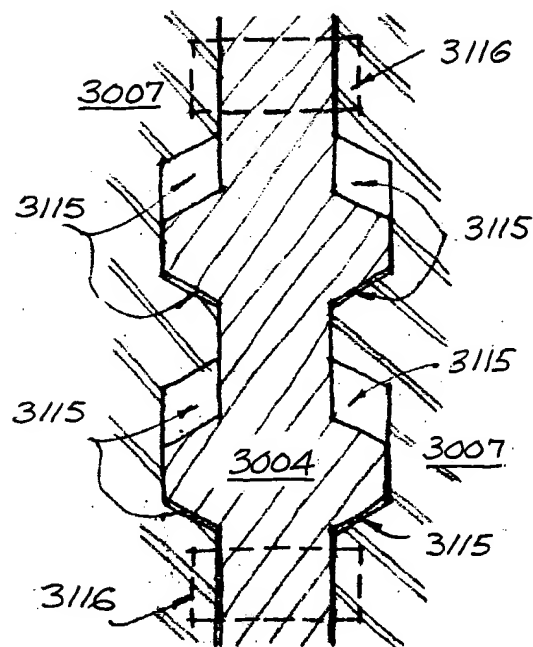


FIG. 125

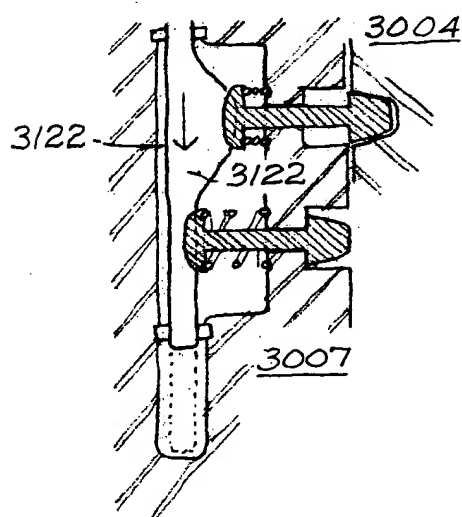


FIG. 127

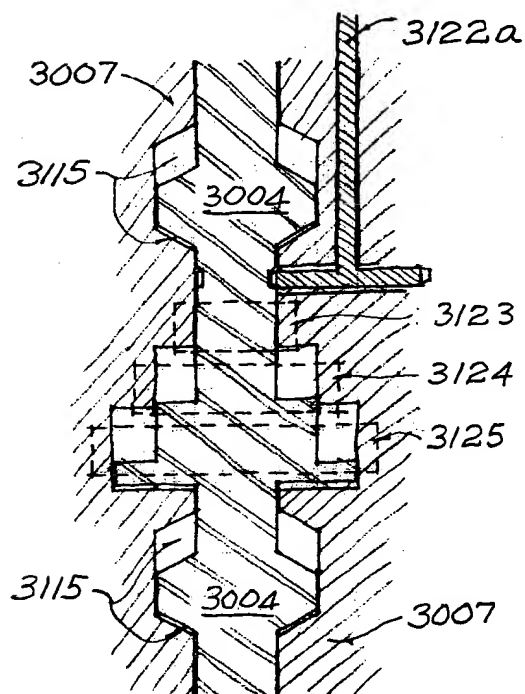


FIG. 128

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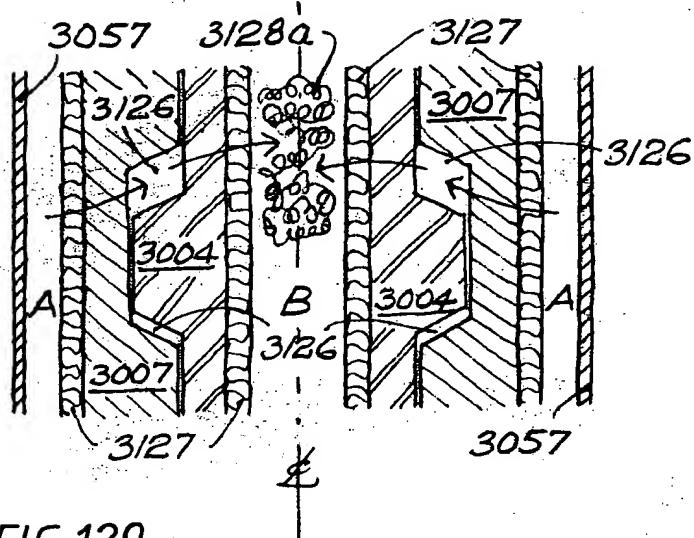


FIG. 129

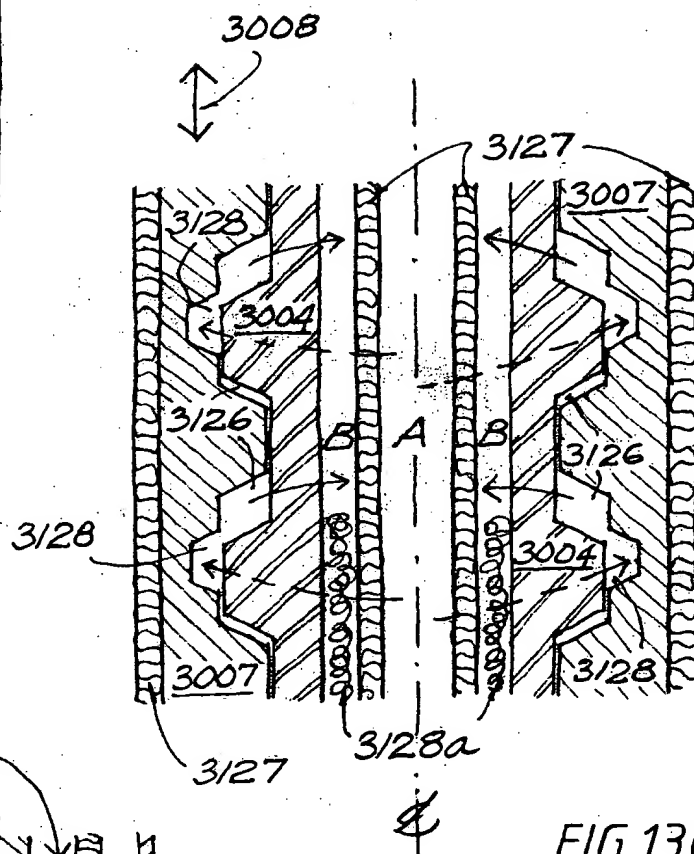


FIG. 130

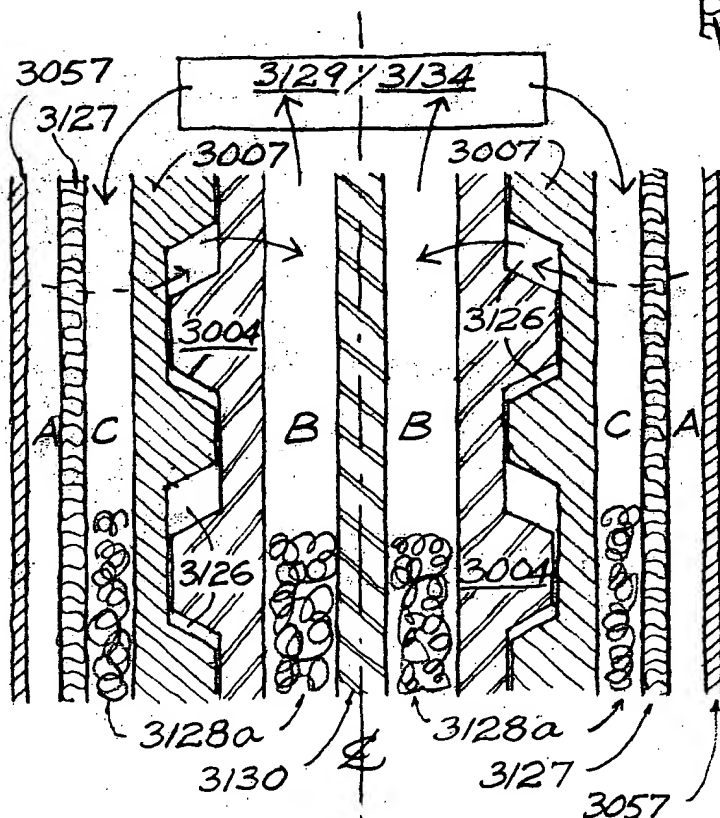


FIG. 131

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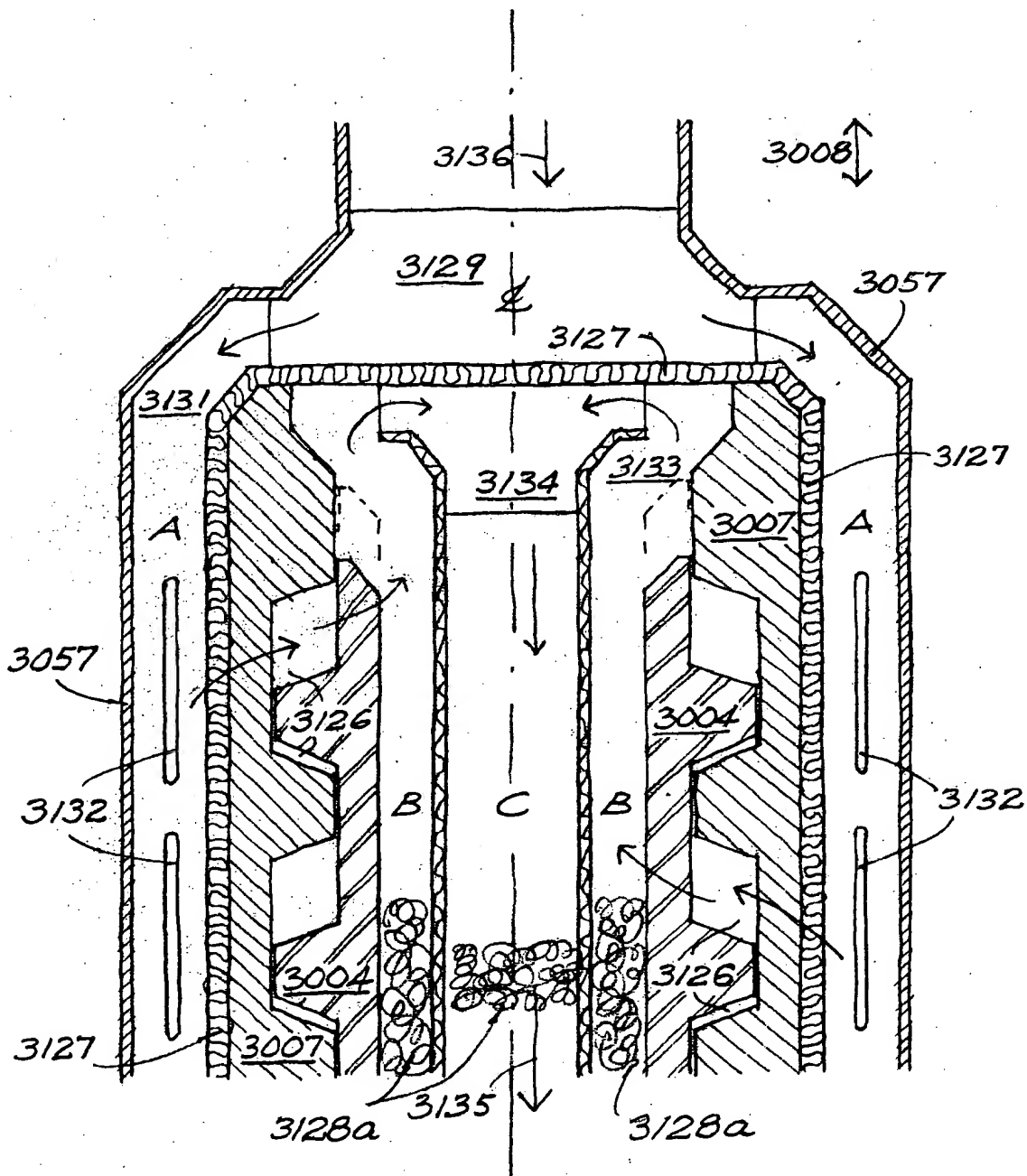


FIG. 132

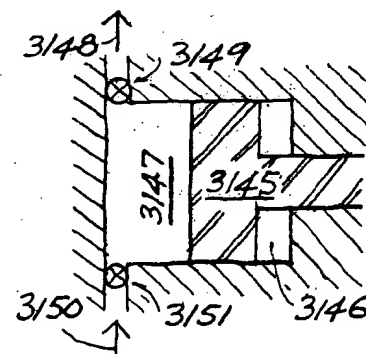


FIG. 134

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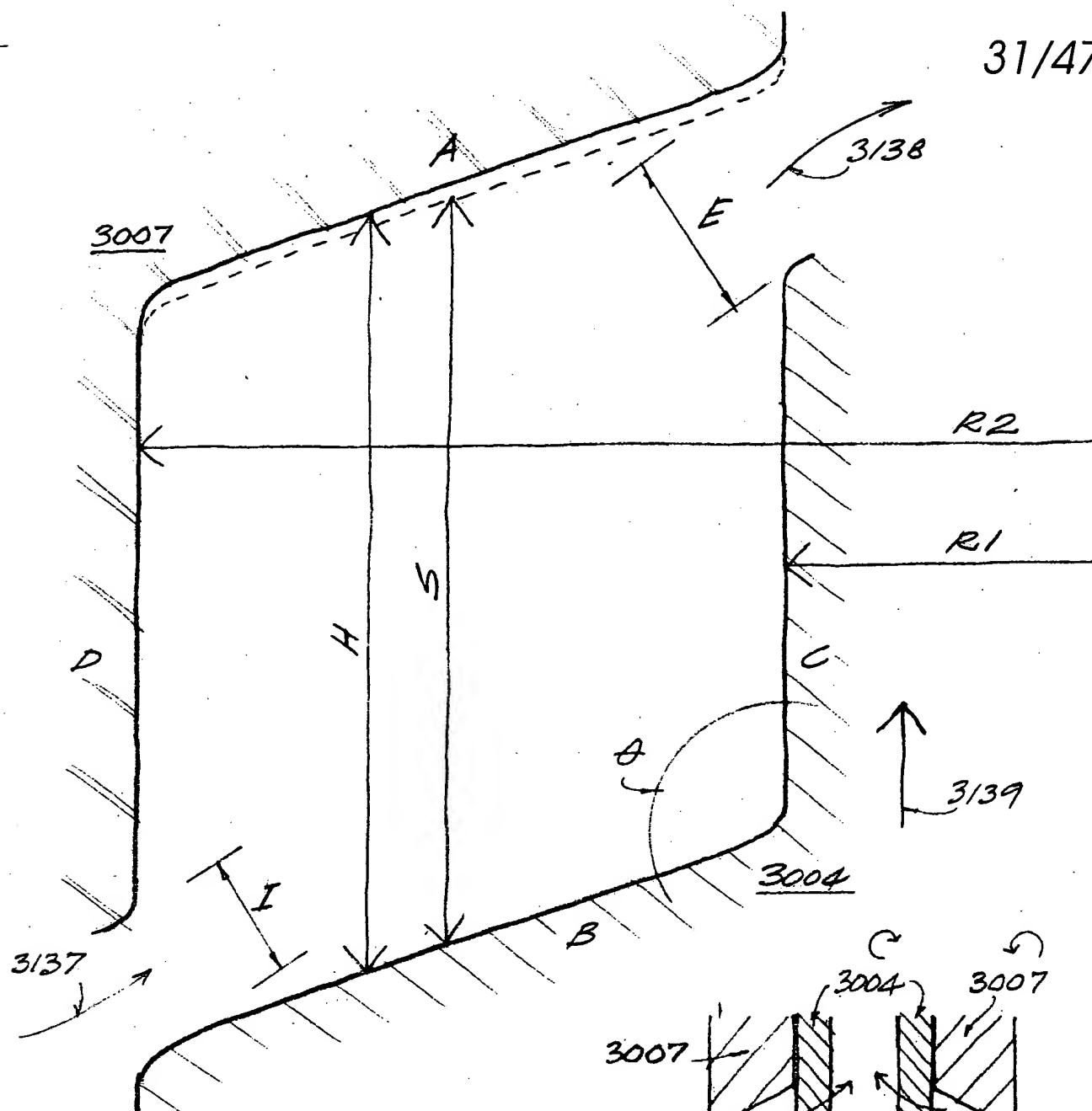


FIG. 133

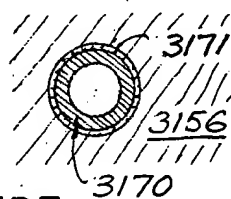


FIG. 137

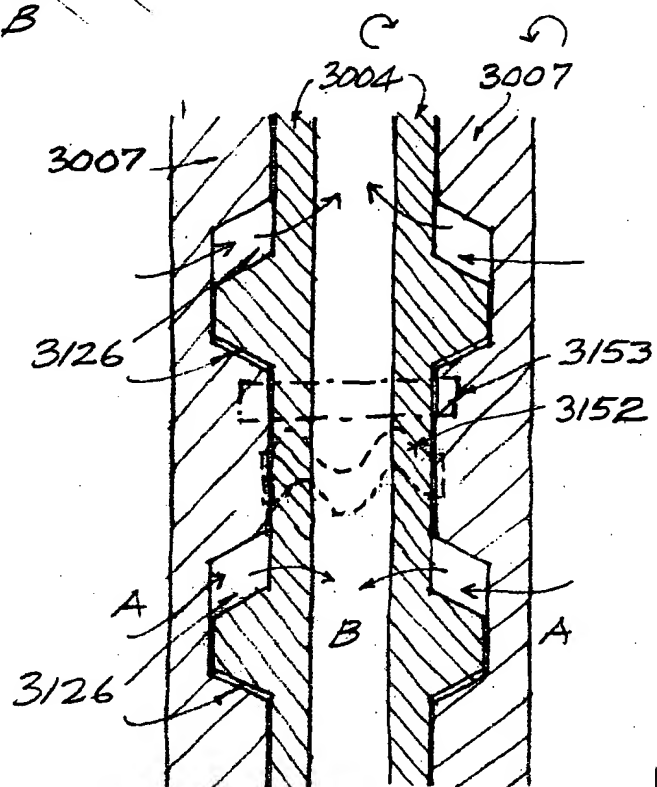
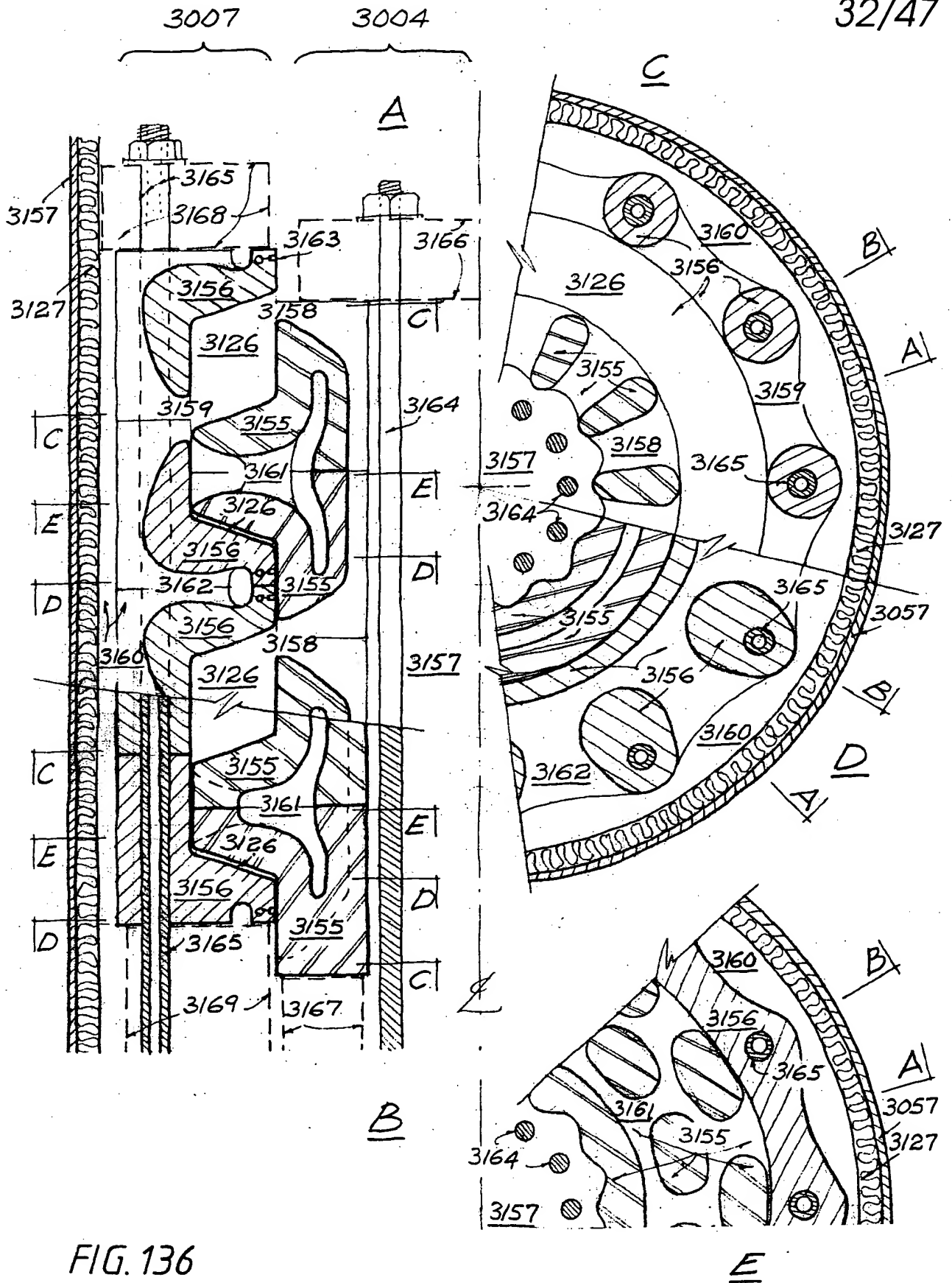


FIG. 135

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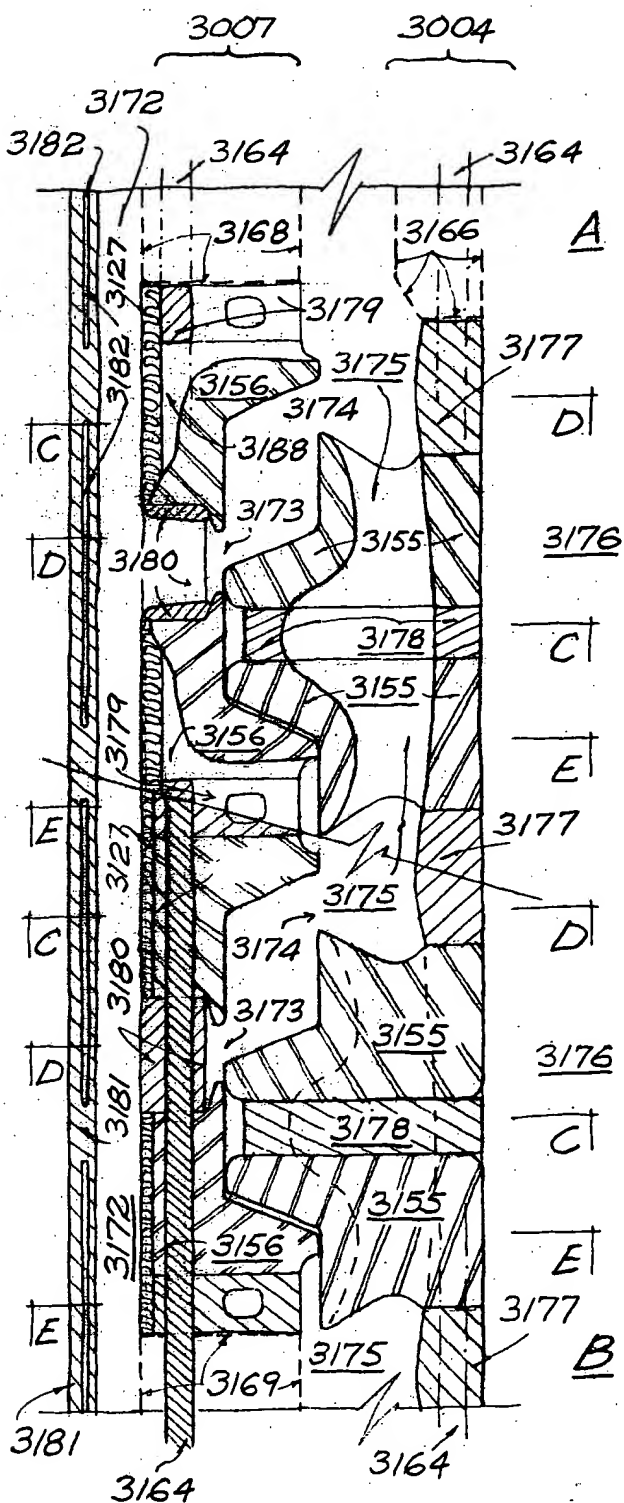


FIG. 138

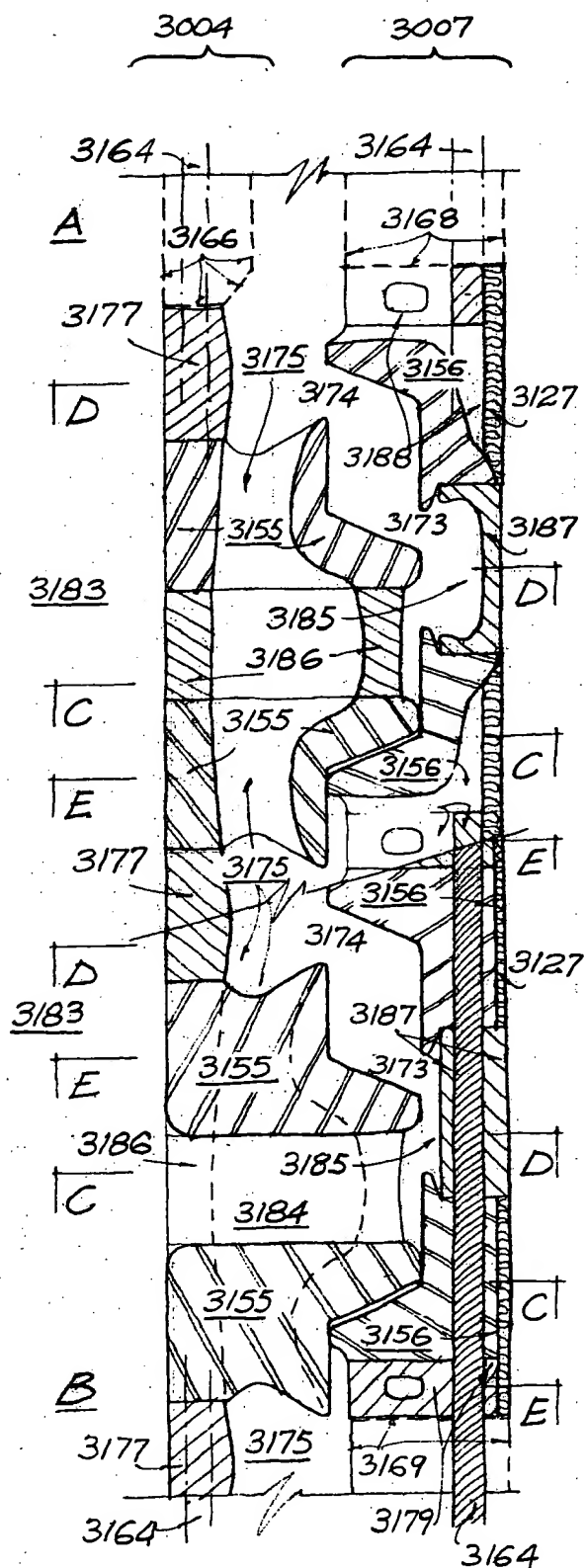


FIG. 139

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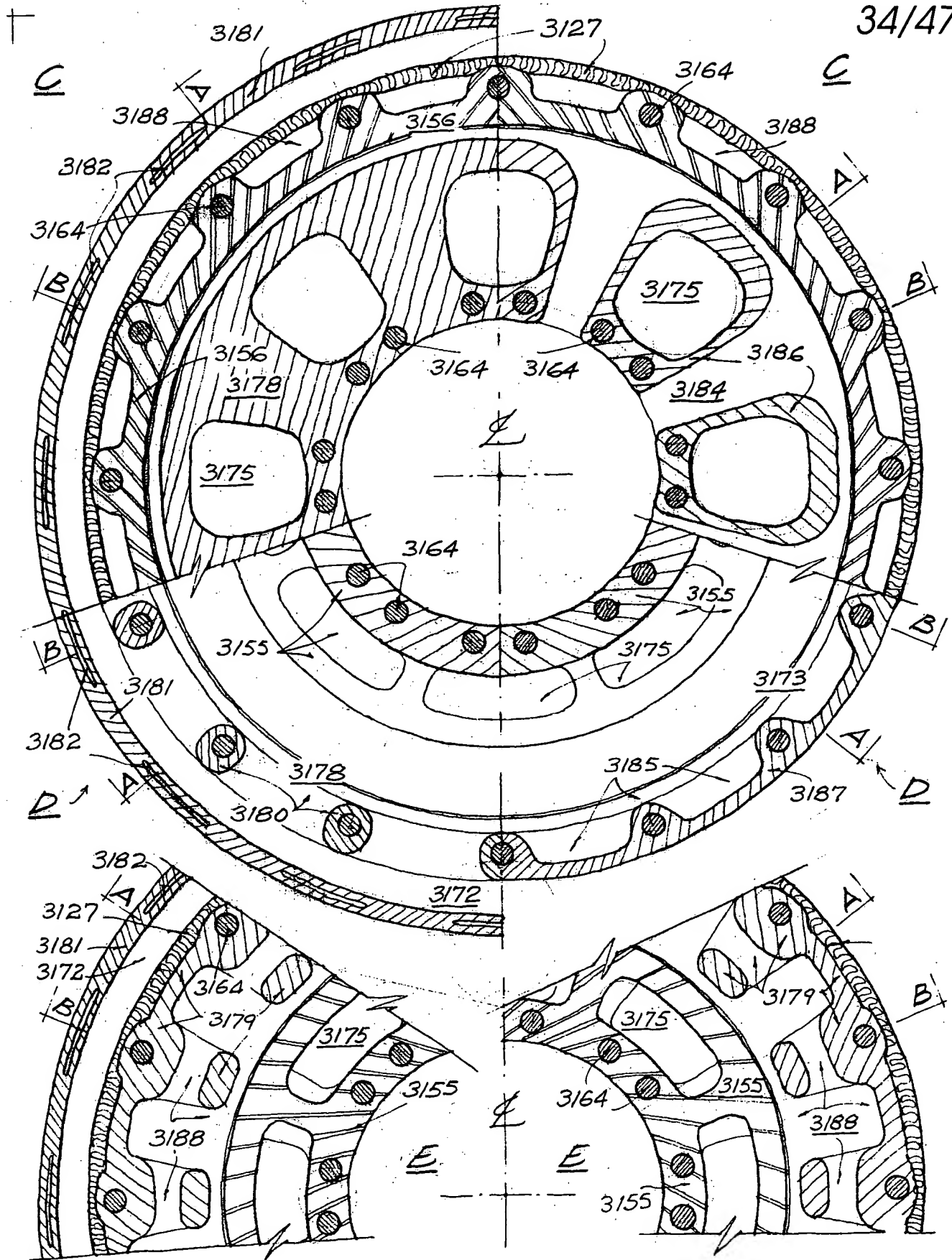


FIG. 138

FIG. 139

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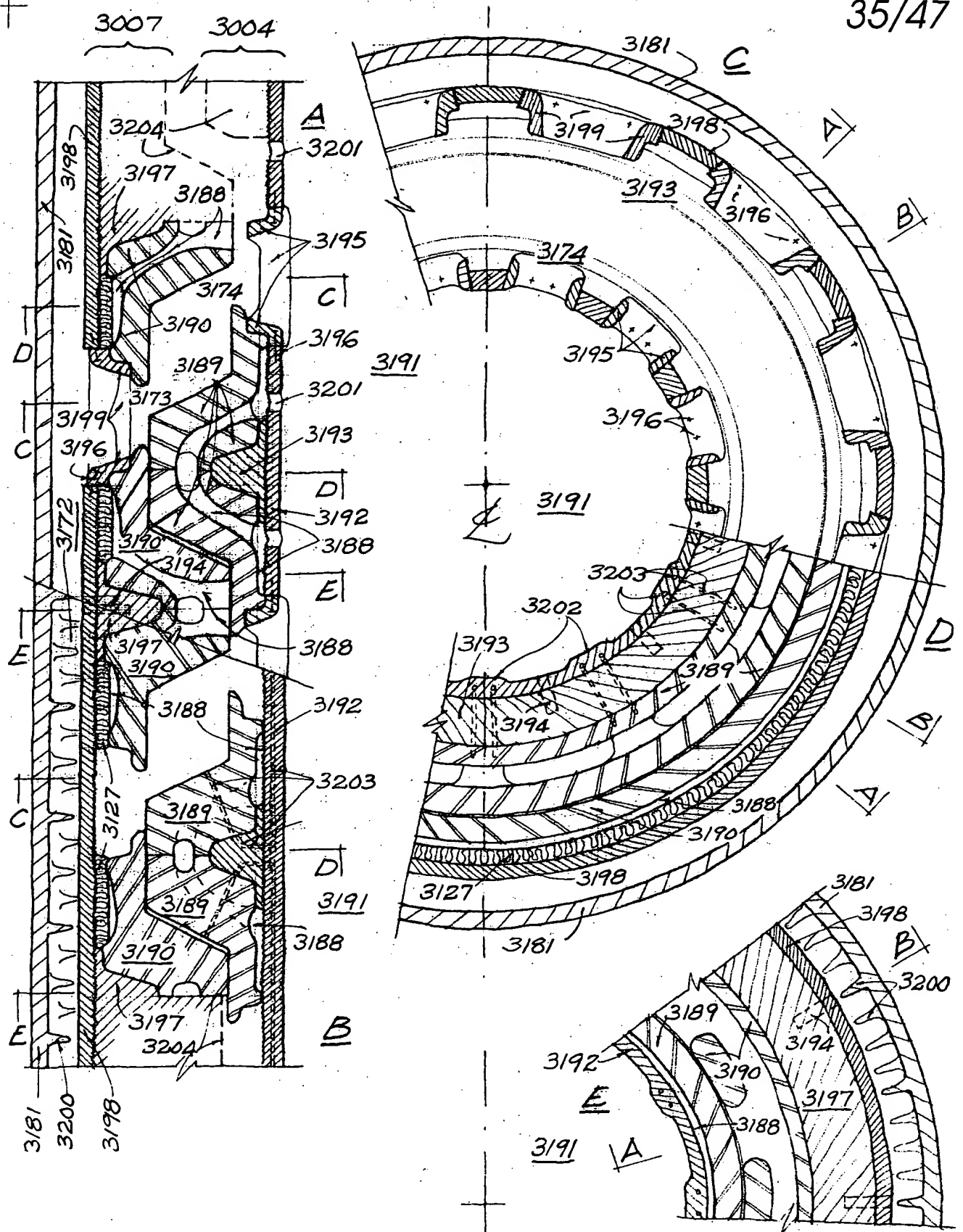


FIG. 140

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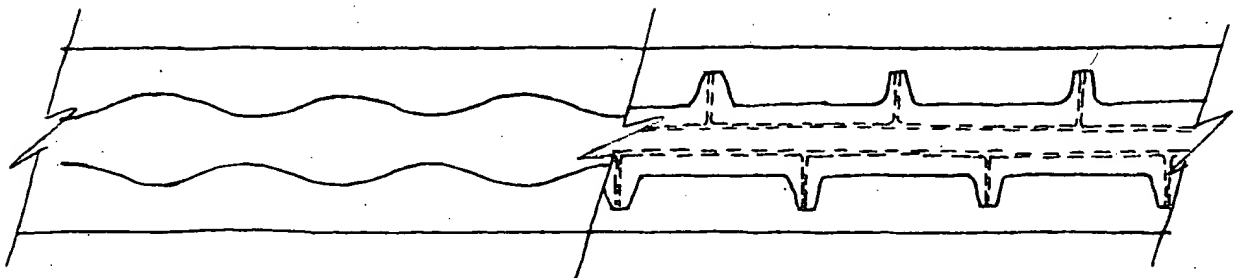


FIG. 141

FIG. 142

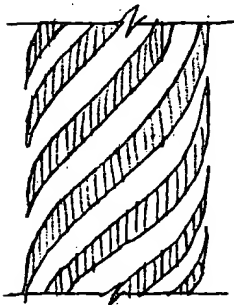


FIG. 143

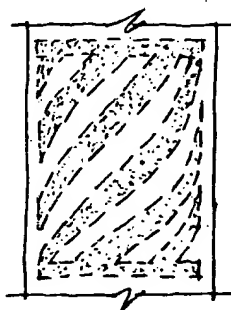


FIG. 144

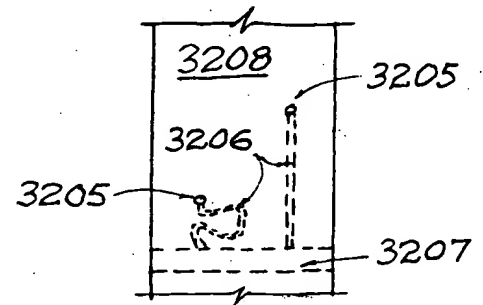


FIG. 145

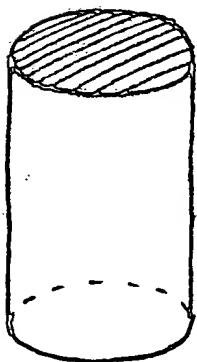


FIG. 146

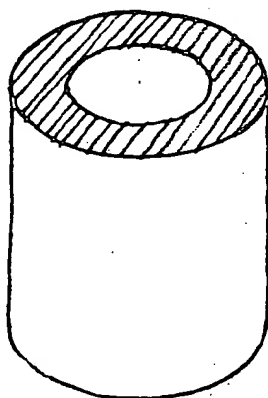


FIG. 147

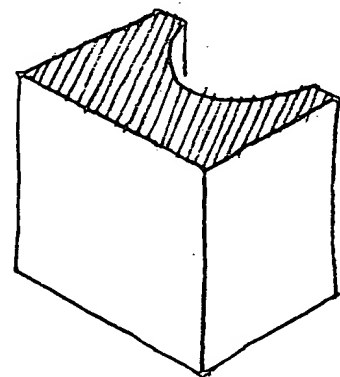


FIG. 148

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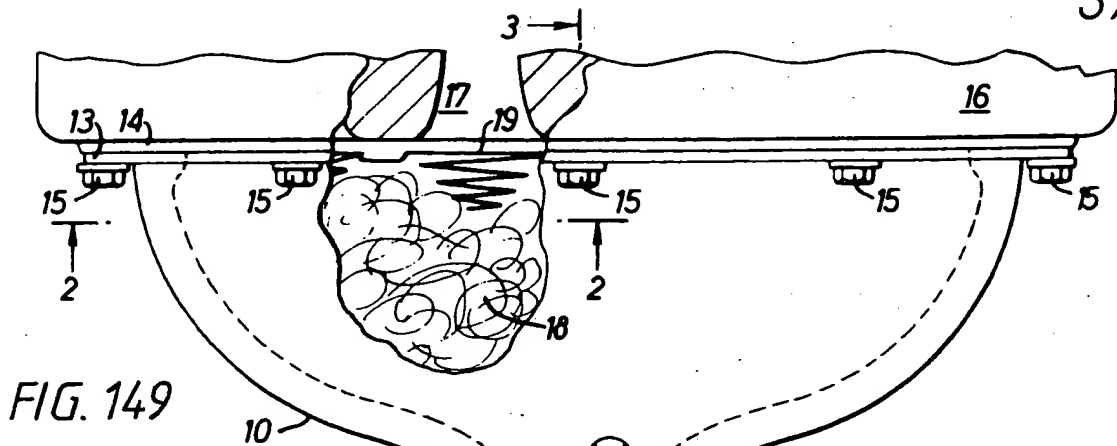


FIG. 149

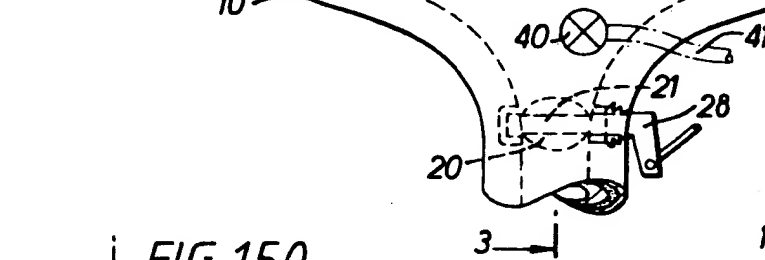


FIG. 150

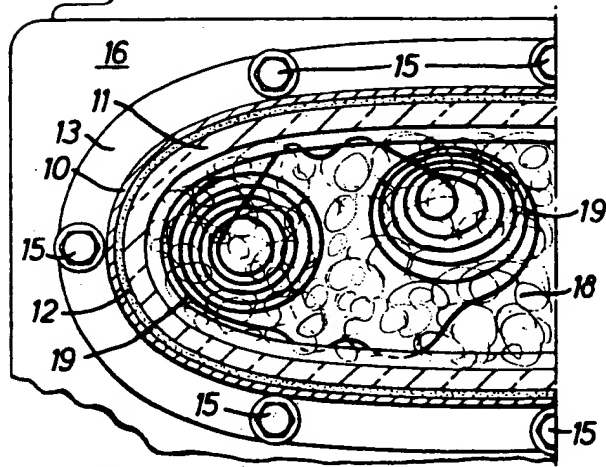


FIG. 151

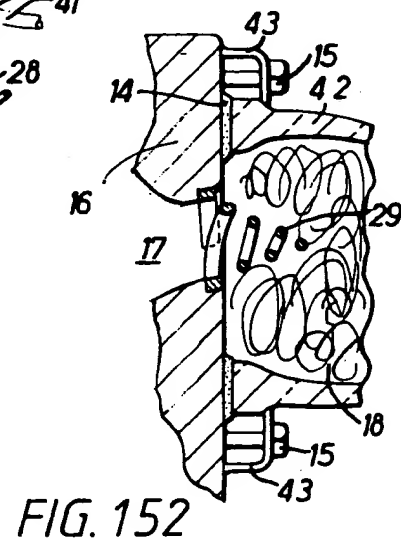


FIG. 152

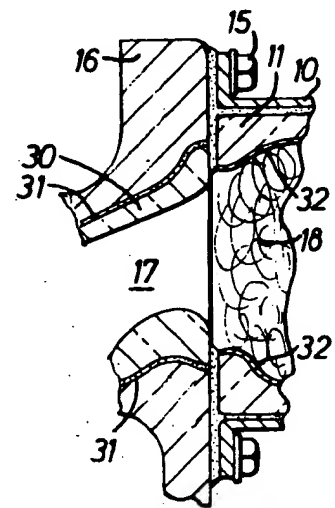


FIG. 153

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FIG. 154

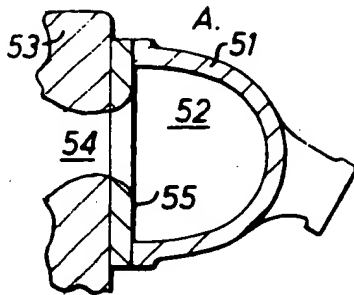


FIG. 155

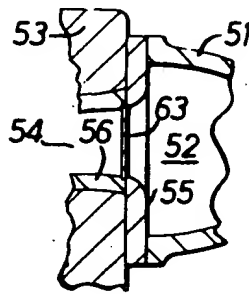


FIG. 156

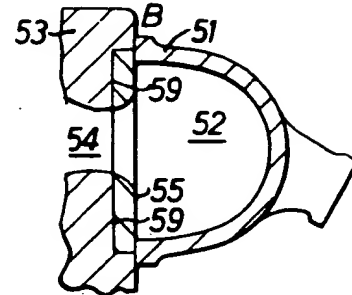


FIG. 157

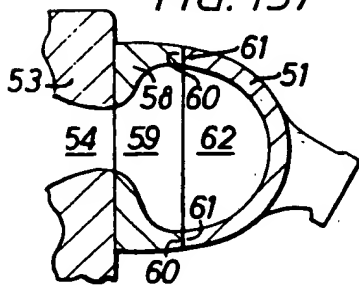


FIG. 158

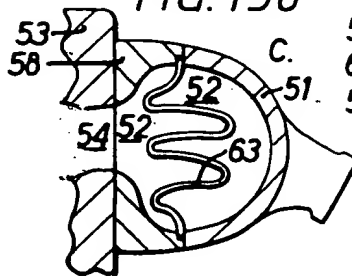


FIG. 159

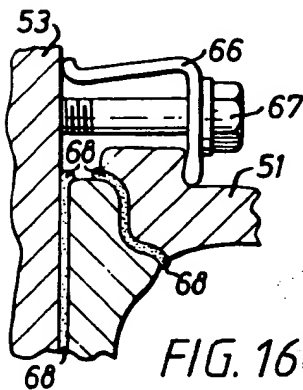
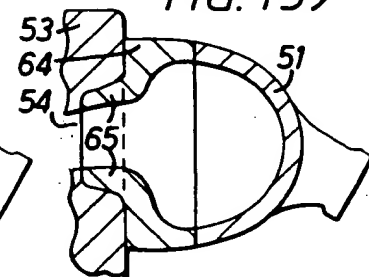


FIG. 160

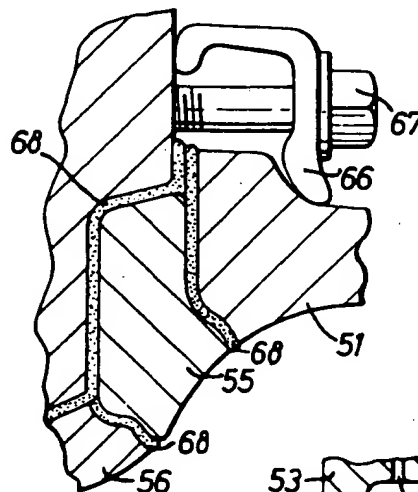


FIG. 161

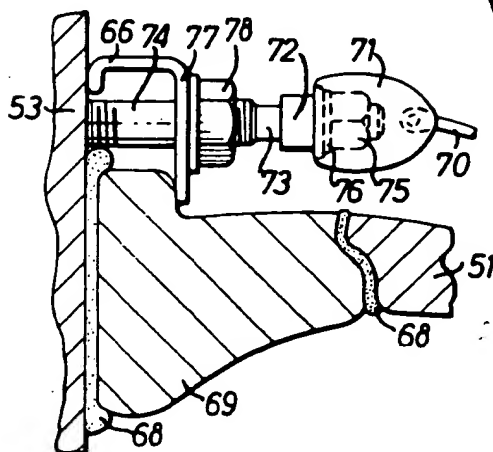


FIG. 162

FIG. 163

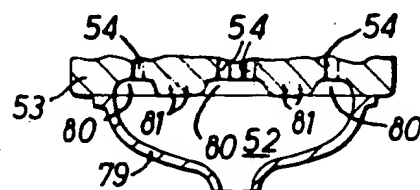
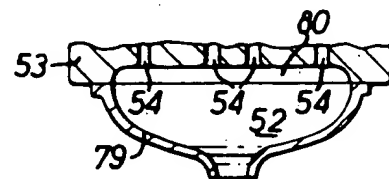


FIG. 164

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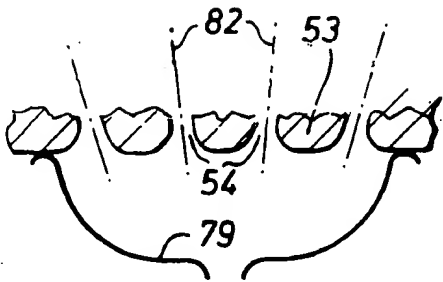


FIG. 165

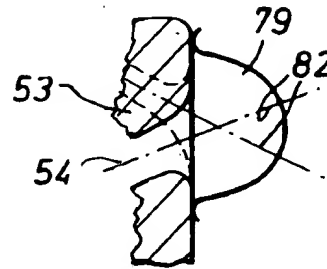


FIG. 166

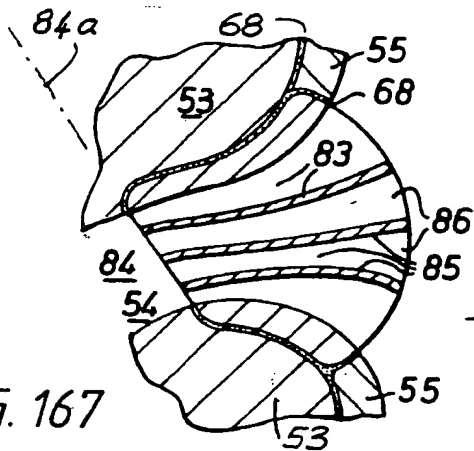


FIG. 167

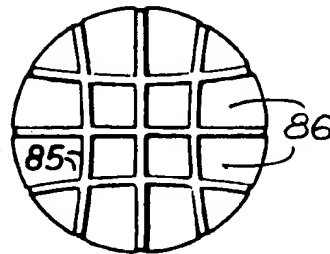


FIG. 168

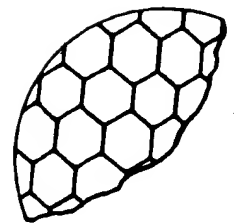


FIG. 169

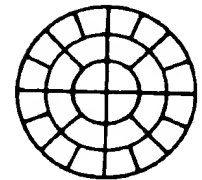


FIG. 170

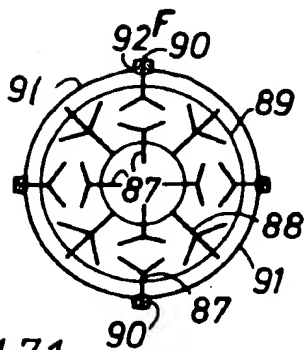


FIG. 171

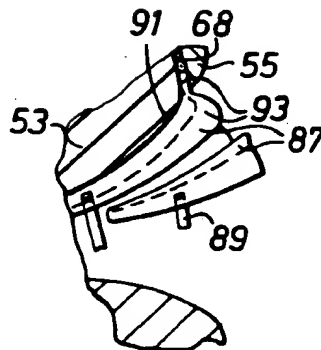


FIG. 172

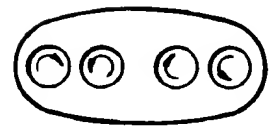


FIG. 173

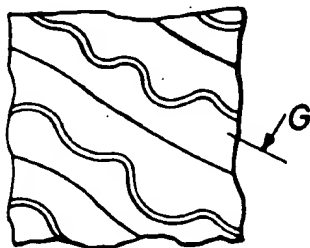


FIG. 175

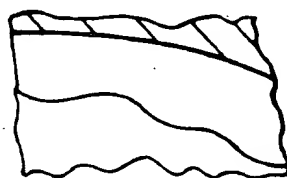
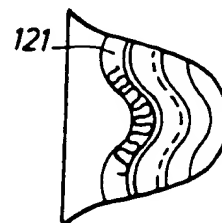
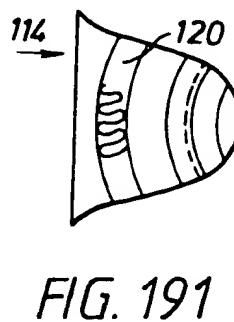
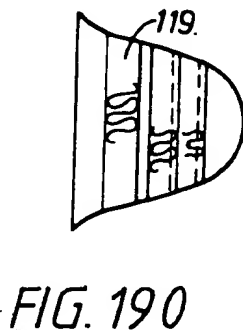
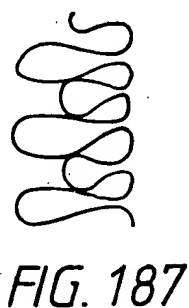
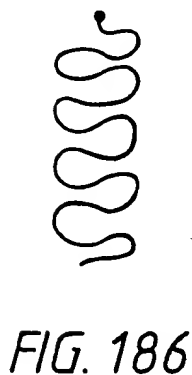
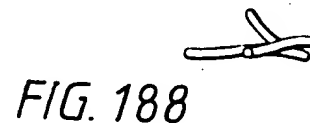
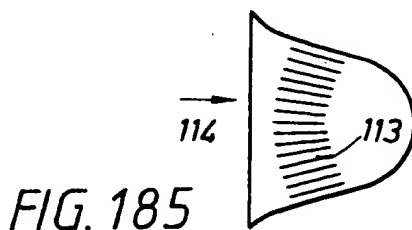
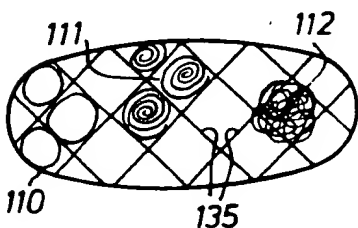
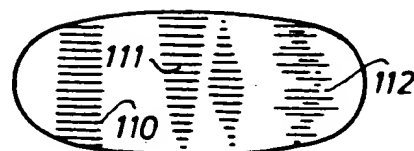
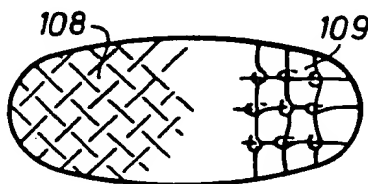
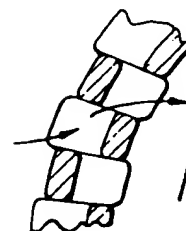
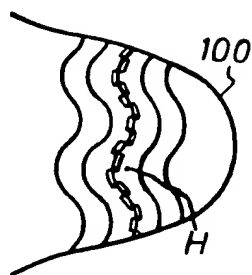
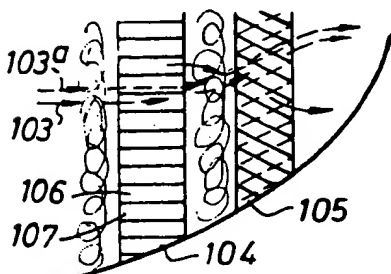
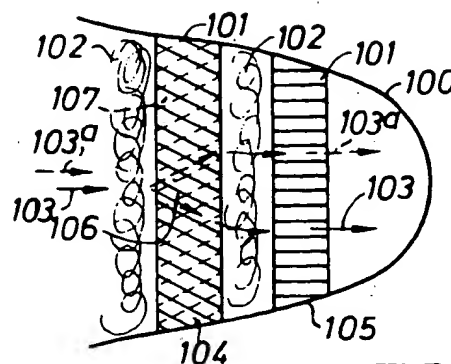
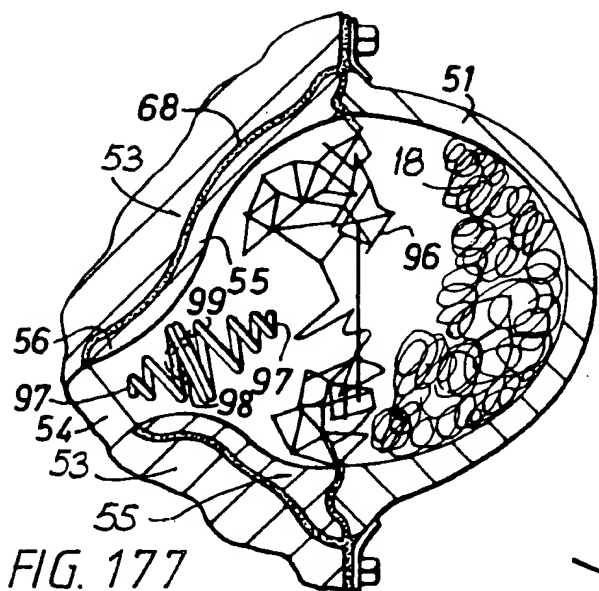


FIG. 176



FIG. 174

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FIG. 189

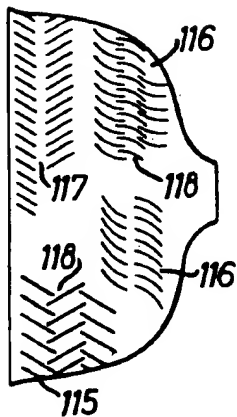


FIG. 193

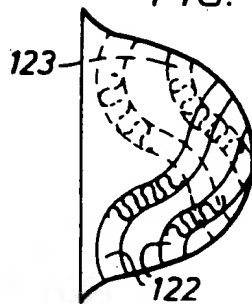


FIG. 194

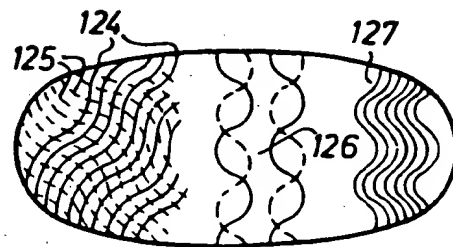


FIG. 200

FIG. 195

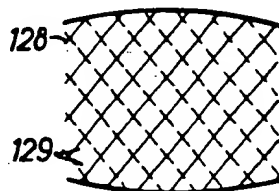


FIG. 196



FIG. 198



FIG. 197

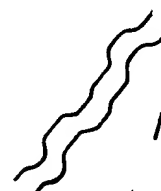


FIG. 199



FIG. 201



FIG. 202



FIG. 203

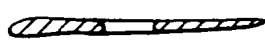


FIG. 204



FIG. 205

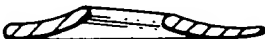


FIG. 206



FIG. 207



FIG. 209

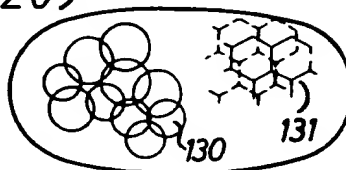


FIG. 211

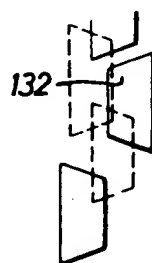
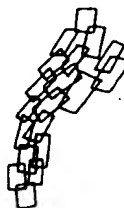


FIG. 210

FIG. 212

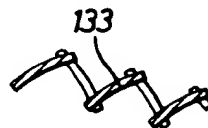


FIG. 213



FIG. 214

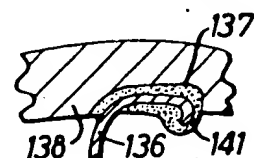
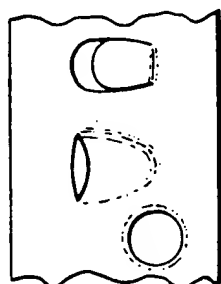


FIG. 208



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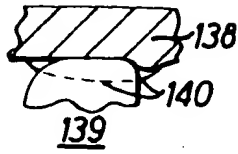


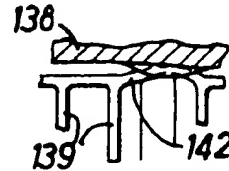
FIG. 215



FIG. 216



FIG. 217



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FIG. 218

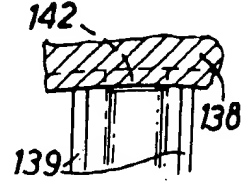


FIG. 219

FIG. 220

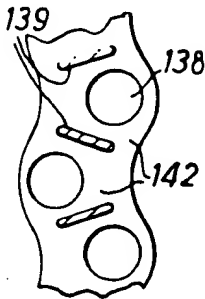


FIG. 221



FIG. 222



FIG. 223

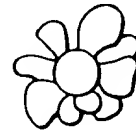


FIG. 224

FIG. 225



FIG. 226



FIG. 227

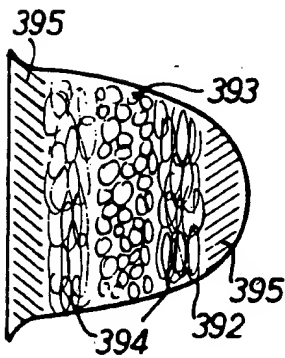


FIG. 228

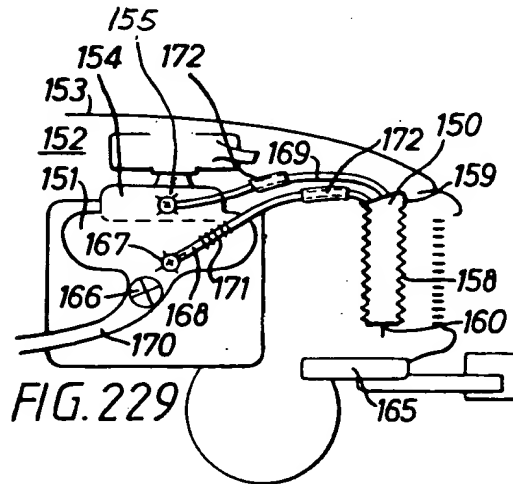


FIG. 229

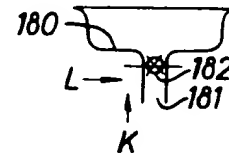


FIG. 231

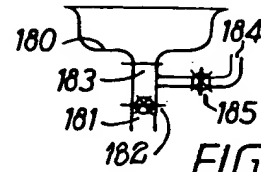


FIG. 232

FIG. 230

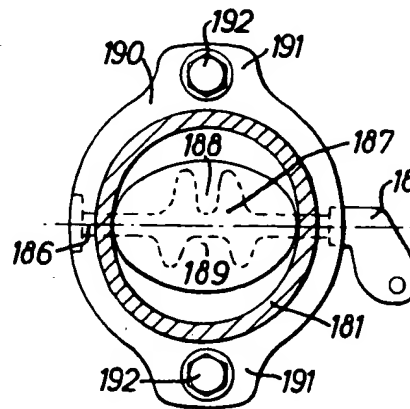
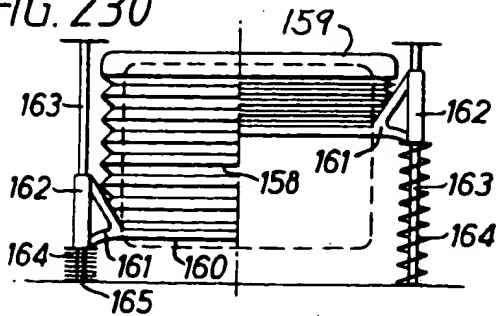


FIG. 233

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FIG. 236

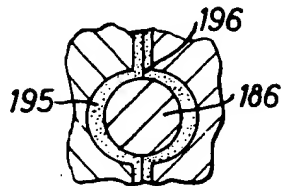
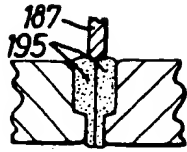


FIG. 237

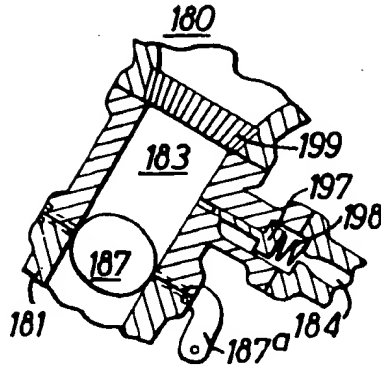


FIG. 238

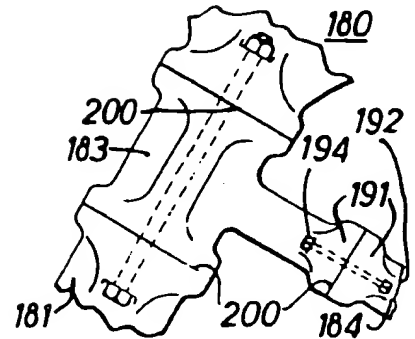


FIG. 239

FIG. 235

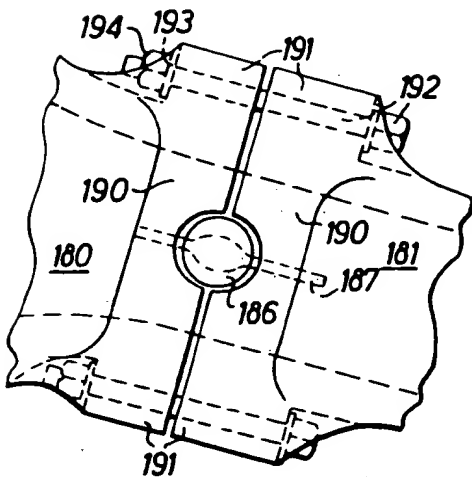


FIG. 234

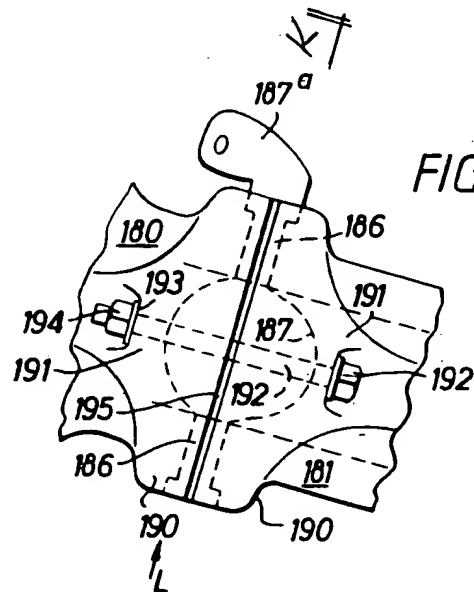


FIG. 240

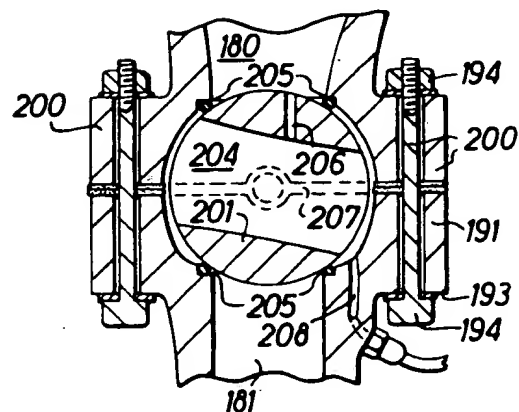
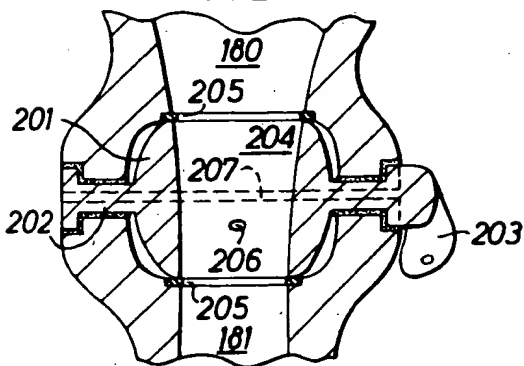


FIG. 241

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FIG. 242

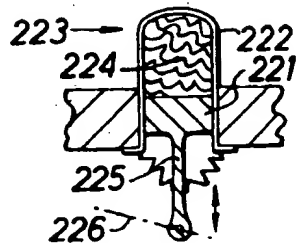
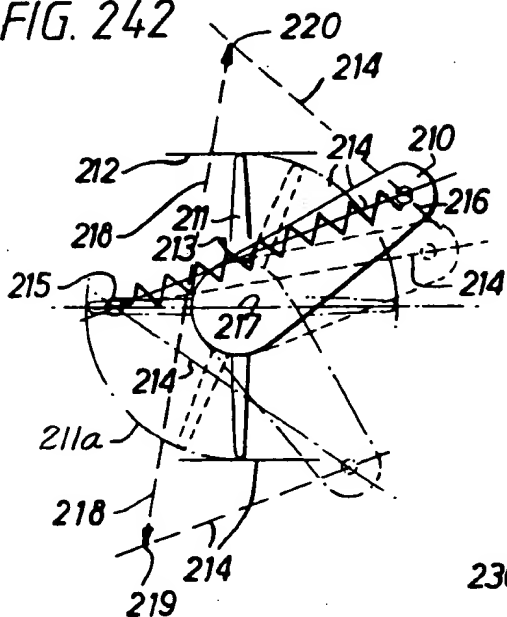


FIG. 243

FIG. 244

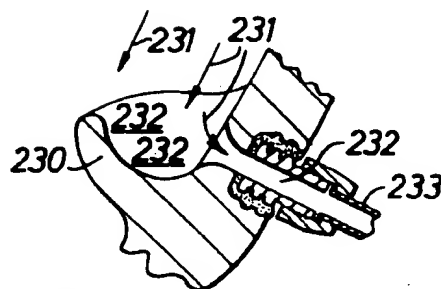
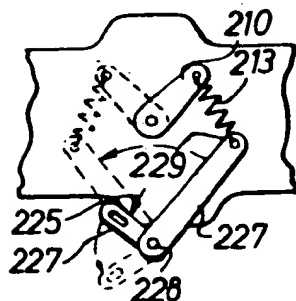


FIG. 245

FIG. 246

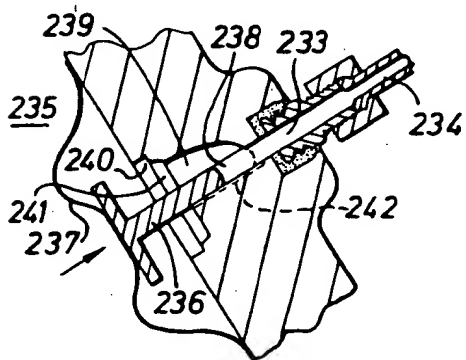


FIG. 247

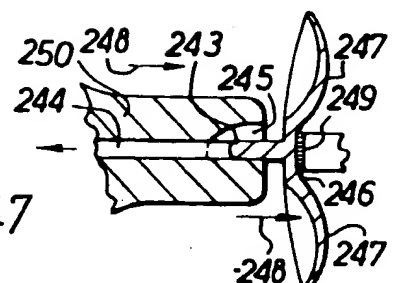


FIG. 248

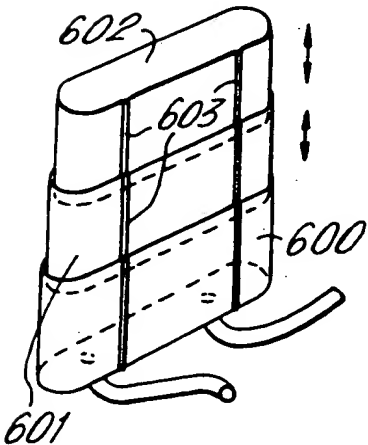
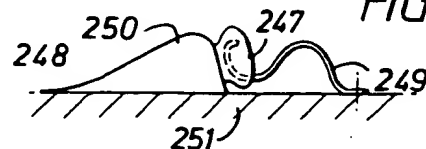


FIG. 251

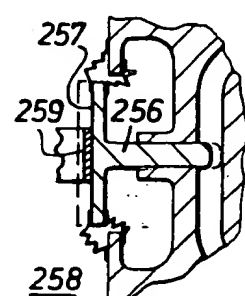


FIG. 250

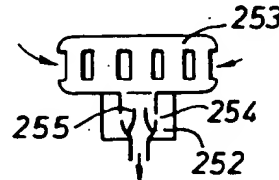


FIG. 249

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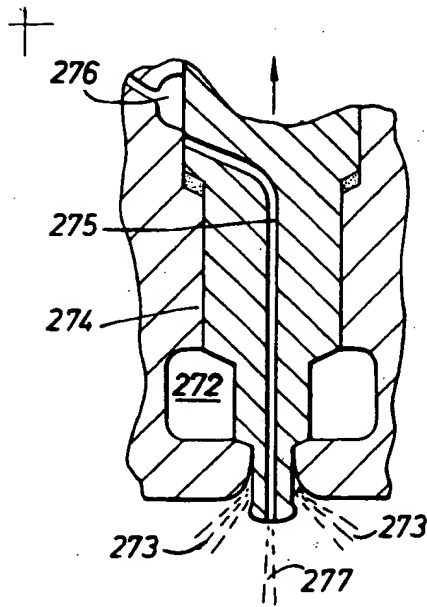


FIG. 252

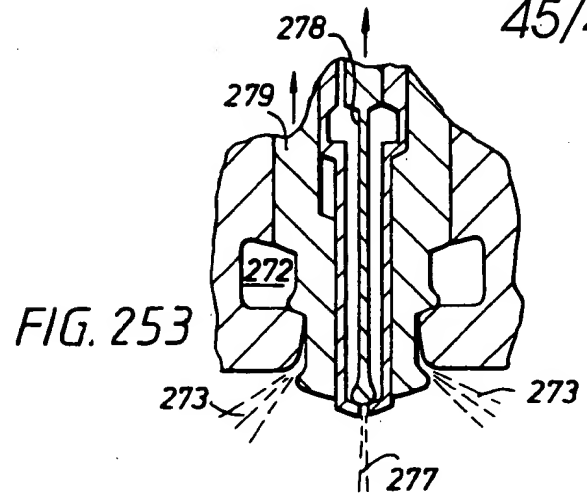


FIG. 253

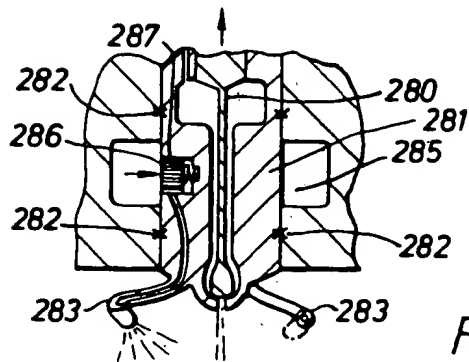


FIG. 254

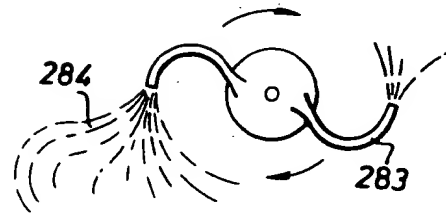


FIG. 255

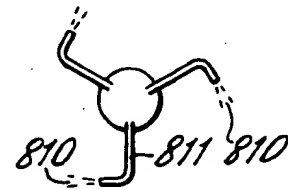


FIG. 258

FIG. 256

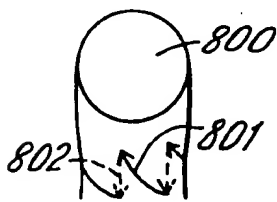


FIG. 257

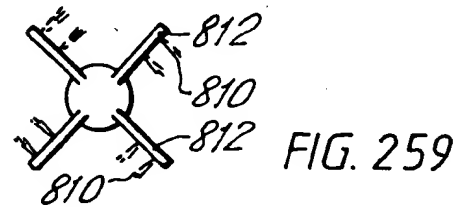
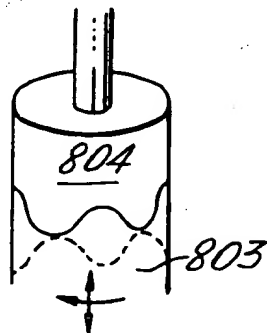


FIG. 259

FIG. 260

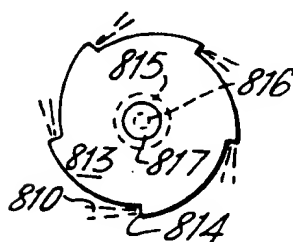


FIG. 261

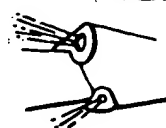
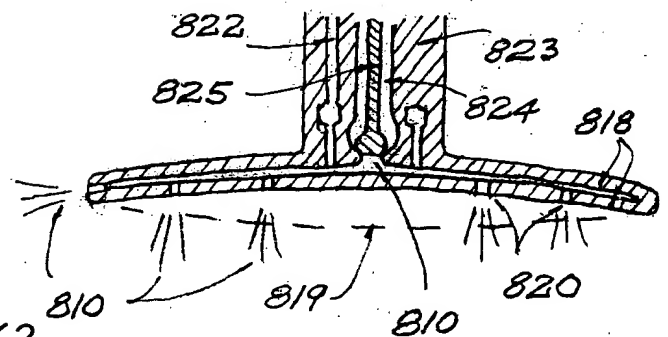


FIG. 262



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FIG. 263



FIG. 264

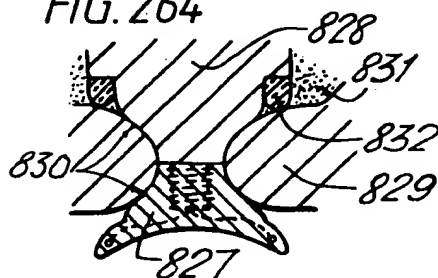


FIG. 265

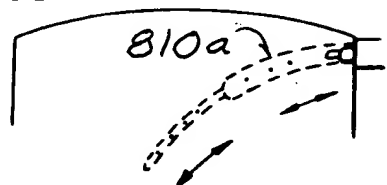


FIG. 266

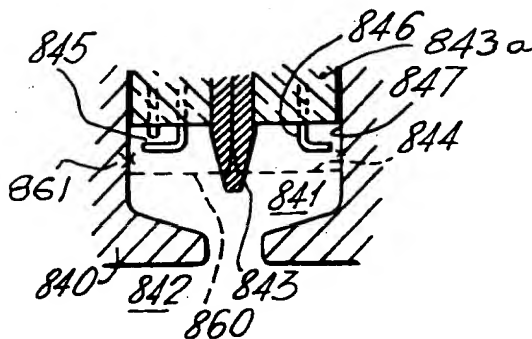
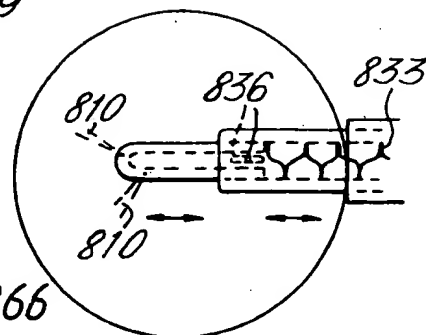


FIG. 267

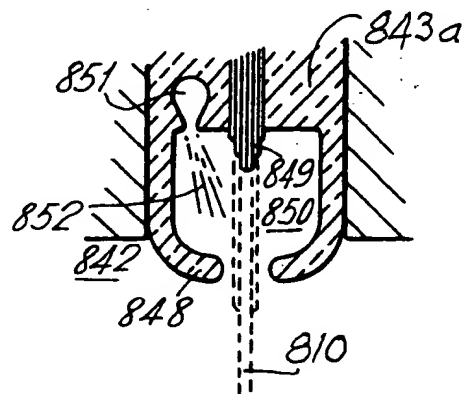


FIG. 268

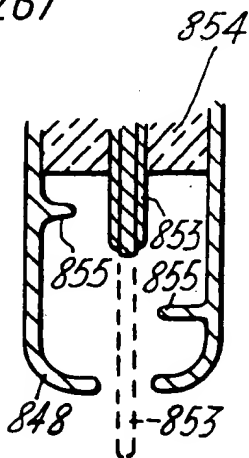


FIG. 269

FIG. 270

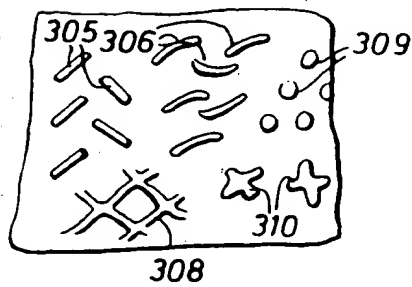
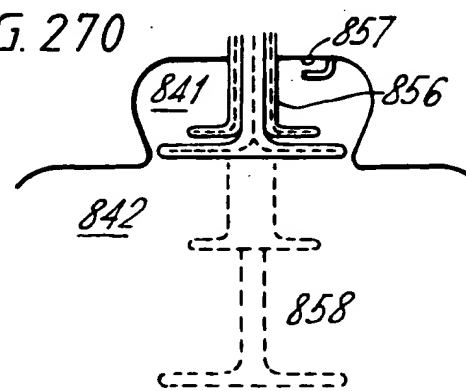


FIG. 272

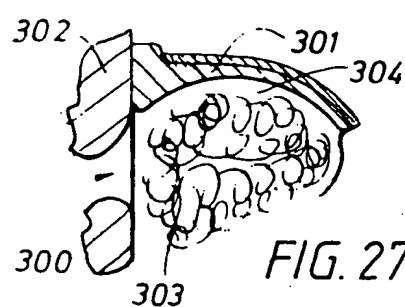


FIG. 271

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FIG. 273

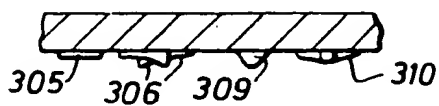


FIG. 274

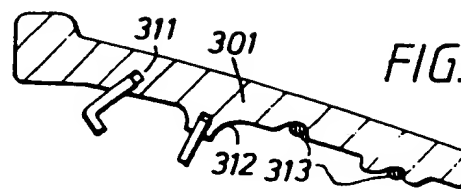


FIG. 275

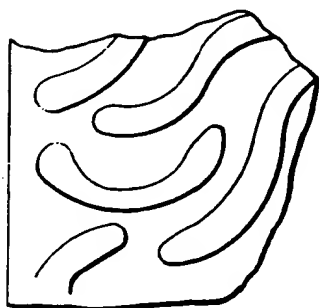


FIG. 276

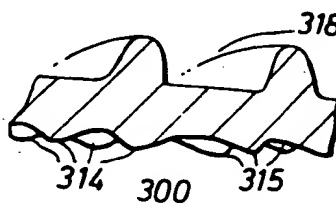


FIG. 279

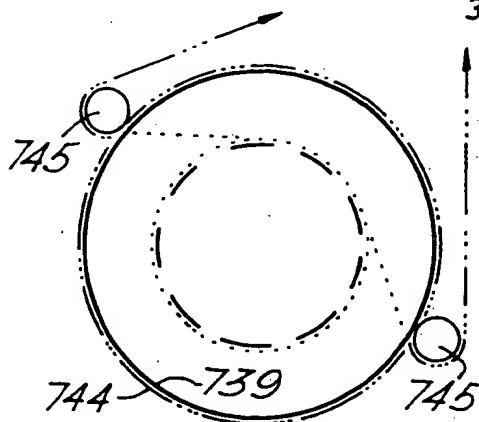


FIG. 277

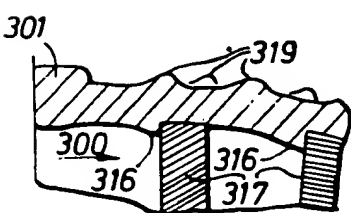


FIG. 280

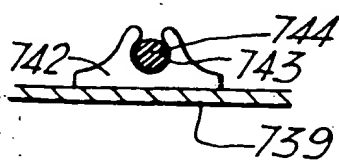


FIG. 278

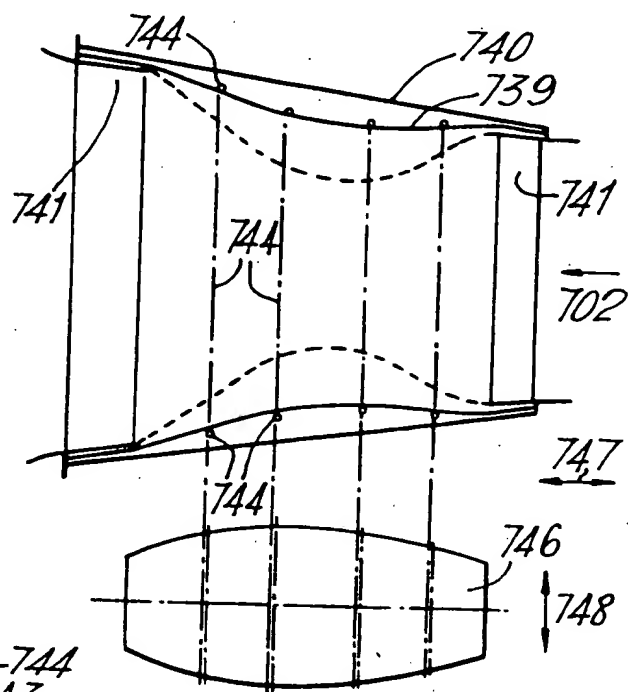


FIG. 281

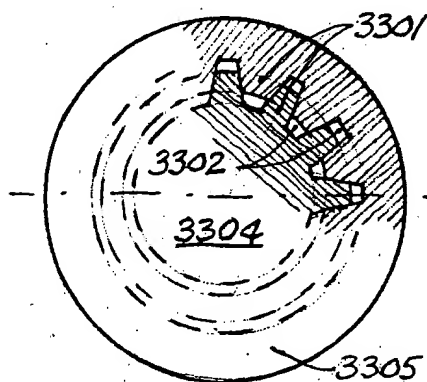
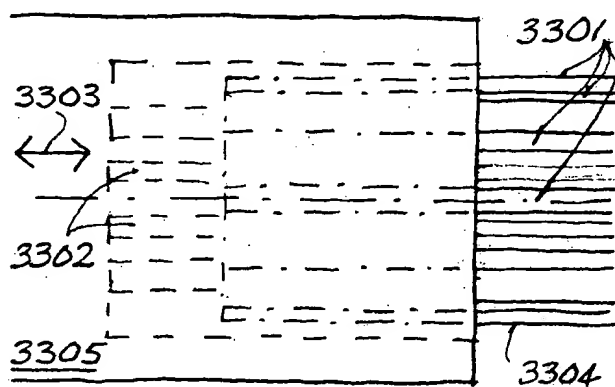


FIG. 282



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